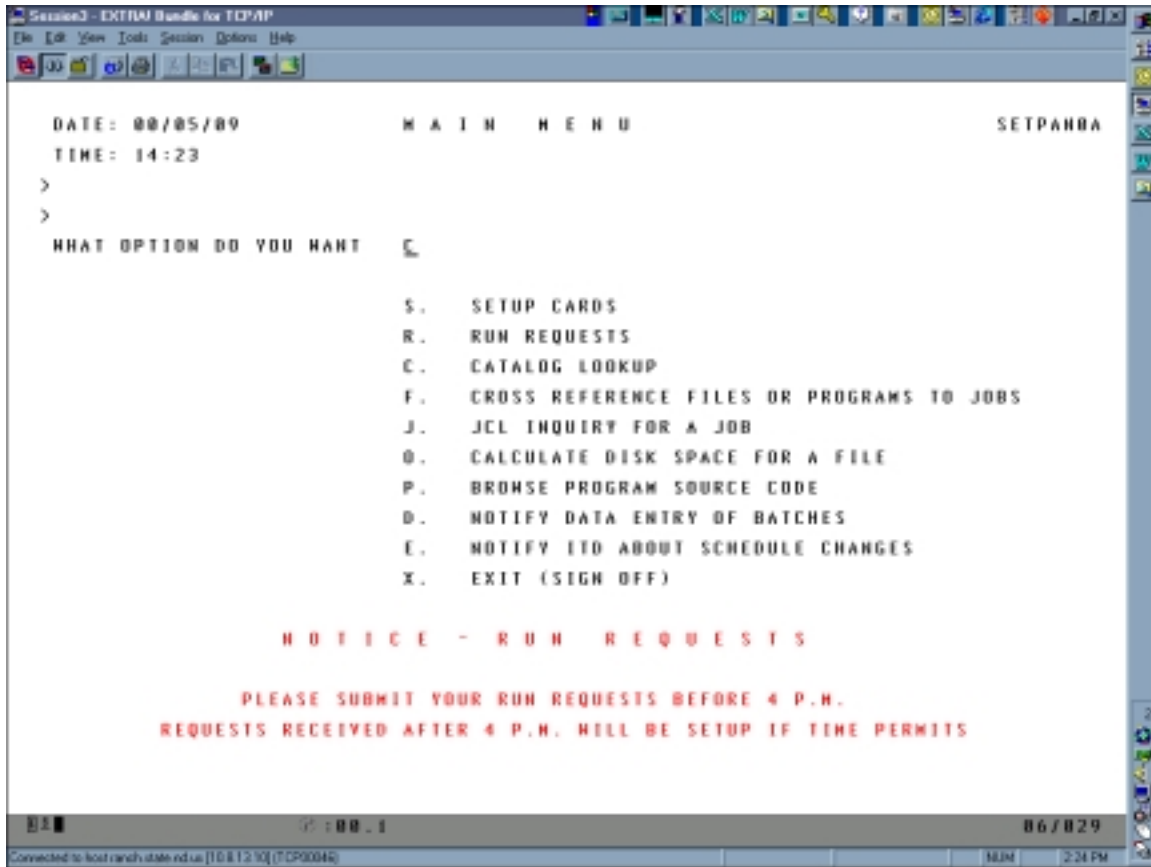


CATALOG LOOKUP:

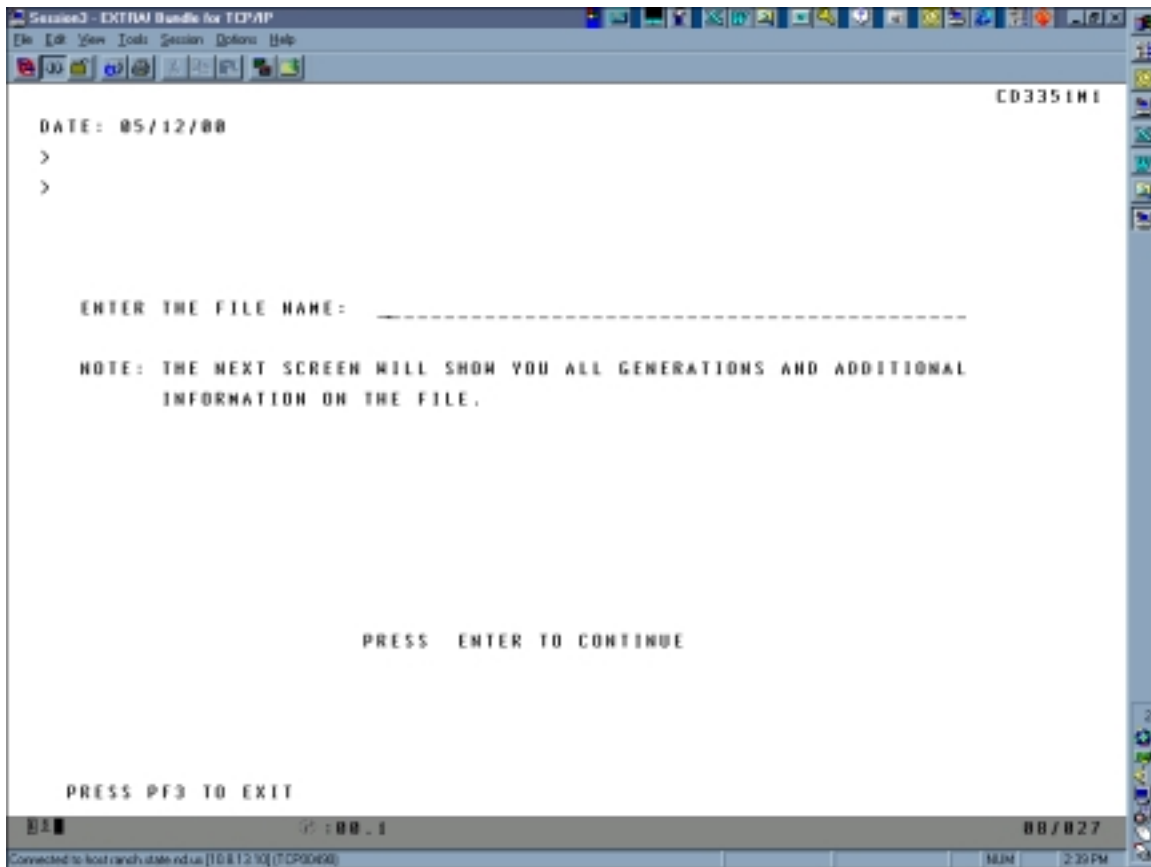
[Index:](#)



1. Type "C" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

CATALOG LOOKUP (cont):

[Index:](#)



1. Type the name of the file you wish to view.
2. Press enter.
3. Press F3 to return to the [SETUP MAIN MENU](#).

CATALOG LOOKUP (cont):

[Index:](#)

Session3 - EXTRM Bundle for TDPAP

File Edit View Tools Session Options Help

Menu Options View Utilities Compilers Help

DSLIST - Data Sets Matching DF.TX101010 Row 1 of 26

Command ==> _____ Scroll ==> CSR

Command - Enter "/" to select action

Tracks %	XT Device	Dsorg	Recfn	Len	Blksz	Created	Expires	Volume
								Referred

DF.TX101010								777777

DF.TX101010.G3300Y00								RVB027
41 100	1	3390	P5	FB	300	27900	2000/05/00	***None*** 2000/05/00

DF.TX101010.G3301Y00								RVB022
40 100	1	3390	P5	FB	300	27900	2000/05/00	***None*** 2000/05/00

DF.TX101010.G3302Y00								RVB029
1	0	1 3390	P5	FB	300	27900	2000/05/00	***None*** 2000/05/09

DF.TX101010.G3303Y00								RVB109
116 100	1	3390	P5	FB	300	27900	2000/05/09	***None*** 2000/05/09

DF.TX101010.G3304Y00								RVB022

Page 1 of 2

Connected to host ranch.state.nd.us [10.8.12.10] (TCP00000)

10:04 2:40 PM

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F11 to see other views of the data.
4. Press F3 to return to the [CATALOG LOOKUP](#) screen.

CATALOG LOOKUP (cont):

[Index:](#)

Command - Enter "J" to select action	Message	Volume
DF.TX101010	??????	
DF.TX101010.G3300Y00	RVB027	
DF.TX101010.G3301Y00	RYA022	
DF.TX101010.G3302Y00	RVB029	
DF.TX101010.G3303Y00	RVB109	
DF.TX101010.G3304Y00	RYA022	
DF.TX101010.G3305Y00	RVB111	
DF.TX101010.G3306Y00	RVB111	
DF.TX101010.G3307Y00	RVB027	
DF.TX101010.G3308Y00	RYA090	
DF.TX101010.G3309Y00	RVB026	
DF.TX101010.G3310Y00	RYA090	
DF.TX101010.G3311Y00	RVB107	
DF.TX101010.G3312Y00	RYA022	
DF.TX101010.G3313Y00	RVB112	
DF.TX101010.G3314Y00	RYA022	
DF.TX101010.G3315Y00	RVB032	

Session3 - EXTRM Bundle for TDPAP
 File Edit View Tools Session Options Help
 Menu Options View Utilities Compilers Help
 DSL1ST - Data Sets Matching DF.TX101010 Row 1 of 26
 Command ==> Scroll ==> CSR
 Command - Enter "J" to select action Message Volume
 DF.TX101010
 DF.TX101010.G3300Y00
 DF.TX101010.G3301Y00
 DF.TX101010.G3302Y00
 DF.TX101010.G3303Y00
 DF.TX101010.G3304Y00
 DF.TX101010.G3305Y00
 DF.TX101010.G3306Y00
 DF.TX101010.G3307Y00
 DF.TX101010.G3308Y00
 DF.TX101010.G3309Y00
 DF.TX101010.G3310Y00
 DF.TX101010.G3311Y00
 DF.TX101010.G3312Y00
 DF.TX101010.G3313Y00
 DF.TX101010.G3314Y00
 DF.TX101010.G3315Y00
 04/015
 Connected to host ranch.state.nd.us [10.8.12.10] (TCP000000) 10:00 2:40 PM

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F11 to see other views of the data.
4. Press F3 to return to the [CATALOG LOOKUP](#) screen.

CATALOG LOOKUP (cont):

[Index:](#)

Session3 - EXTREM Bundle for TDPAP

File Edit View Tools Session Options Help

Menu Options View Utilities Compilers Help

DSLIST - Data Sets Matching DF.TX101010 Row 1 of 26

Command ==> _____ Scroll ==> CSR

Command - Enter "J" to select action

	Tracks	Used	XT	Device
DF.TX101010				
DF.TX101010.G3300Y00	41	100	1	3390
DF.TX101010.G3301Y00	40	100	1	3390
DF.TX101010.G3302Y00	1	0	1	3390
DF.TX101010.G3303Y00	116	100	1	3390
DF.TX101010.G3304Y00	40	100	1	3390
DF.TX101010.G3305Y00	18	100	1	3390
DF.TX101010.G3306Y00	18	100	1	3390
DF.TX101010.G3307Y00	18	100	1	3390
DF.TX101010.G3308Y00	18	100	1	3390
DF.TX101010.G3309Y00	15	100	1	3390
DF.TX101010.G3310Y00	12	100	1	3390
DF.TX101010.G3311Y00	1	0	1	3390
DF.TX101010.G3312Y00	94	100	1	3390
DF.TX101010.G3313Y00	49	100	1	3390
DF.TX101010.G3314Y00	12	100	1	3390
DF.TX101010.G3315Y00	8	100	1	3390

04/015

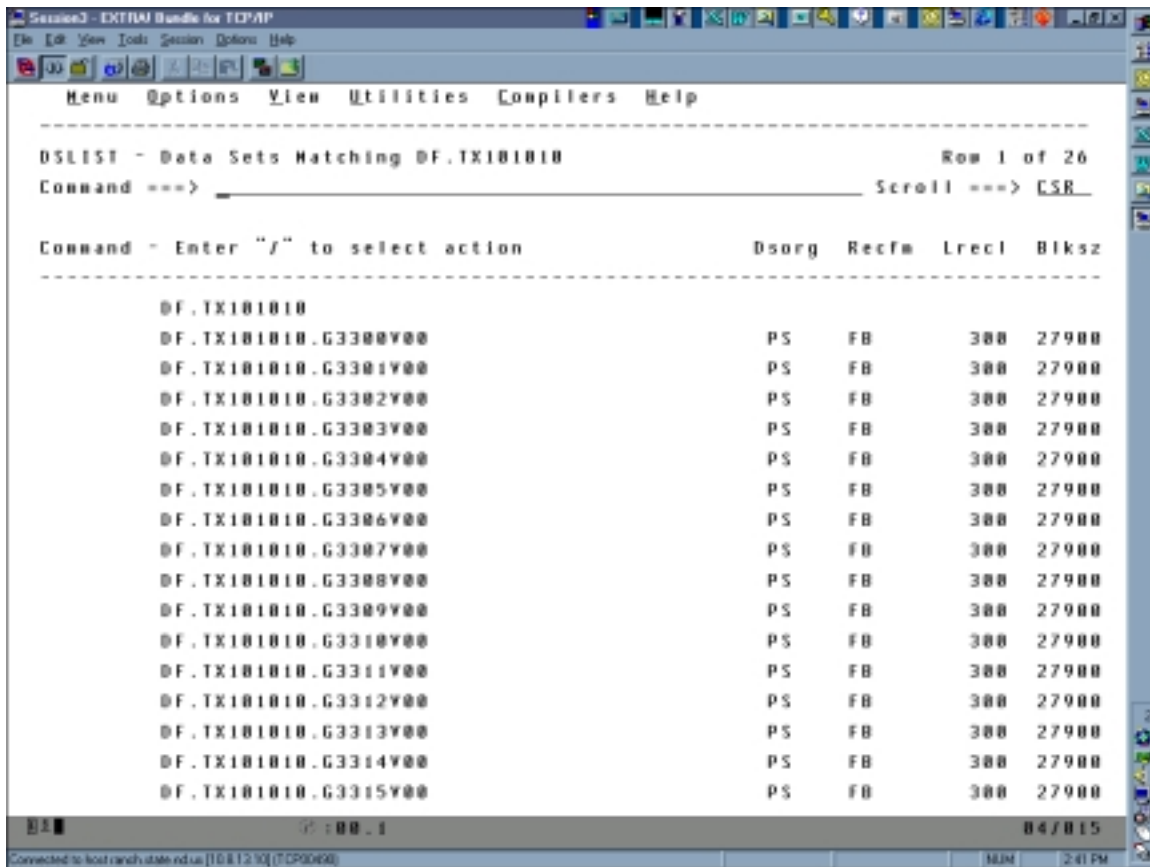
Connected to host ranch.state.nd.us [10.8.12.10] (TCP000000)

10:40 PM

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F11 to see other views of the data.
4. Press F3 to return to the [CATALOG LOOKUP](#) screen.

CATALOG LOOKUP (cont):

[Index:](#)



Session3 - EXFM Bundle for TCP/IP

File Edit View Tools Session Options Help

Menu Options View Utilities Compilers Help

DSELIST - Data Sets Matching DF.TX101010 Row 1 of 26

Command ==> Scroll ==> CSR

Command - Enter "J" to select action

	Dsorg	Reclm	Lrecl	Blksz
DF.TX101010				
DF.TX101010.G3300Y00	PS	FB	300	27900
DF.TX101010.G3301Y00	PS	FB	300	27900
DF.TX101010.G3302Y00	PS	FB	300	27900
DF.TX101010.G3303Y00	PS	FB	300	27900
DF.TX101010.G3304Y00	PS	FB	300	27900
DF.TX101010.G3305Y00	PS	FB	300	27900
DF.TX101010.G3306Y00	PS	FB	300	27900
DF.TX101010.G3307Y00	PS	FB	300	27900
DF.TX101010.G3308Y00	PS	FB	300	27900
DF.TX101010.G3309Y00	PS	FB	300	27900
DF.TX101010.G3310Y00	PS	FB	300	27900
DF.TX101010.G3311Y00	PS	FB	300	27900
DF.TX101010.G3312Y00	PS	FB	300	27900
DF.TX101010.G3313Y00	PS	FB	300	27900
DF.TX101010.G3314Y00	PS	FB	300	27900
DF.TX101010.G3315Y00	PS	FB	300	27900

Page 1 of 1

04/015

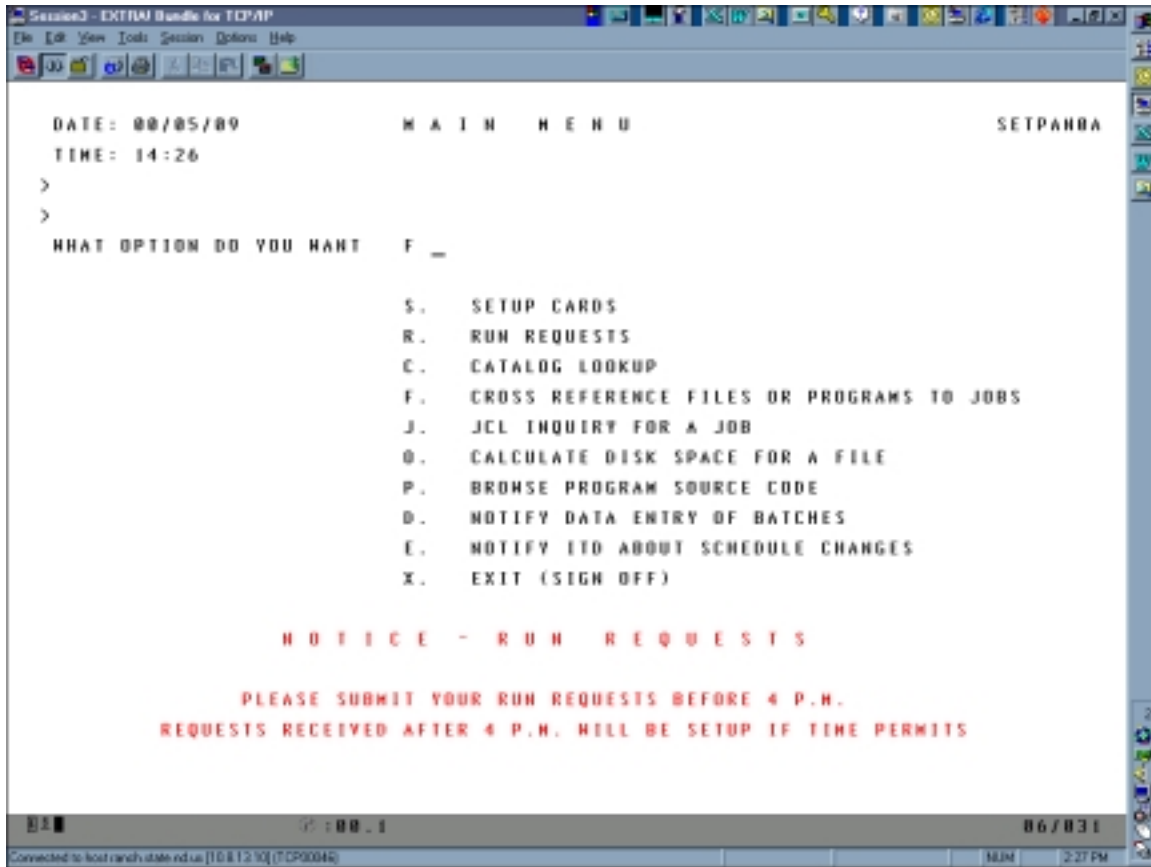
Connected to host ranch.state.nd.us [10.8.12.10] (TCP00000)

10/10/15 2:41 PM

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F11 to see other views of the data.
4. Press F3 to return to the [CATALOG LOOKUP](#) screen.

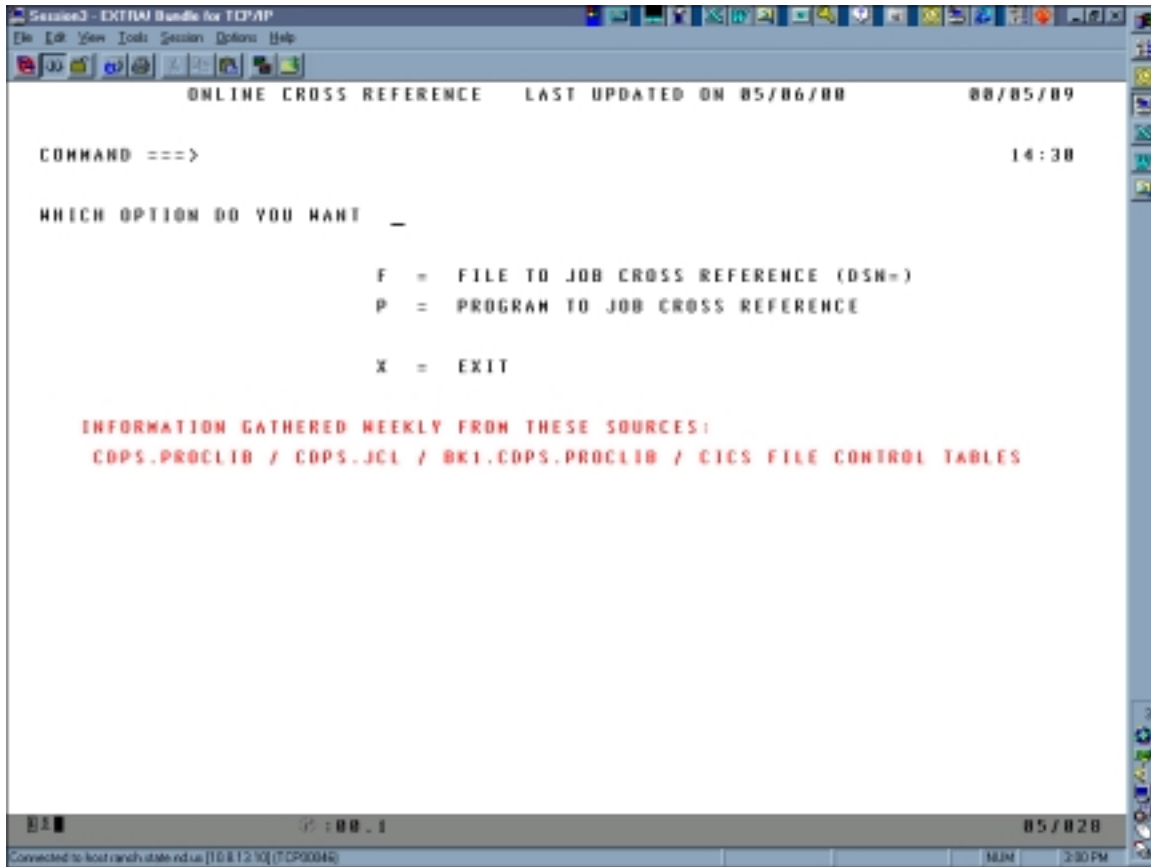
CROSS REFERENCE FILE OR PROGRAMS TO JOBS:

[Index:](#)



1. Type "F" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

CROSS REFERENCE FILE OR PROGRAMS TO JOBS (cont): [Index:](#)

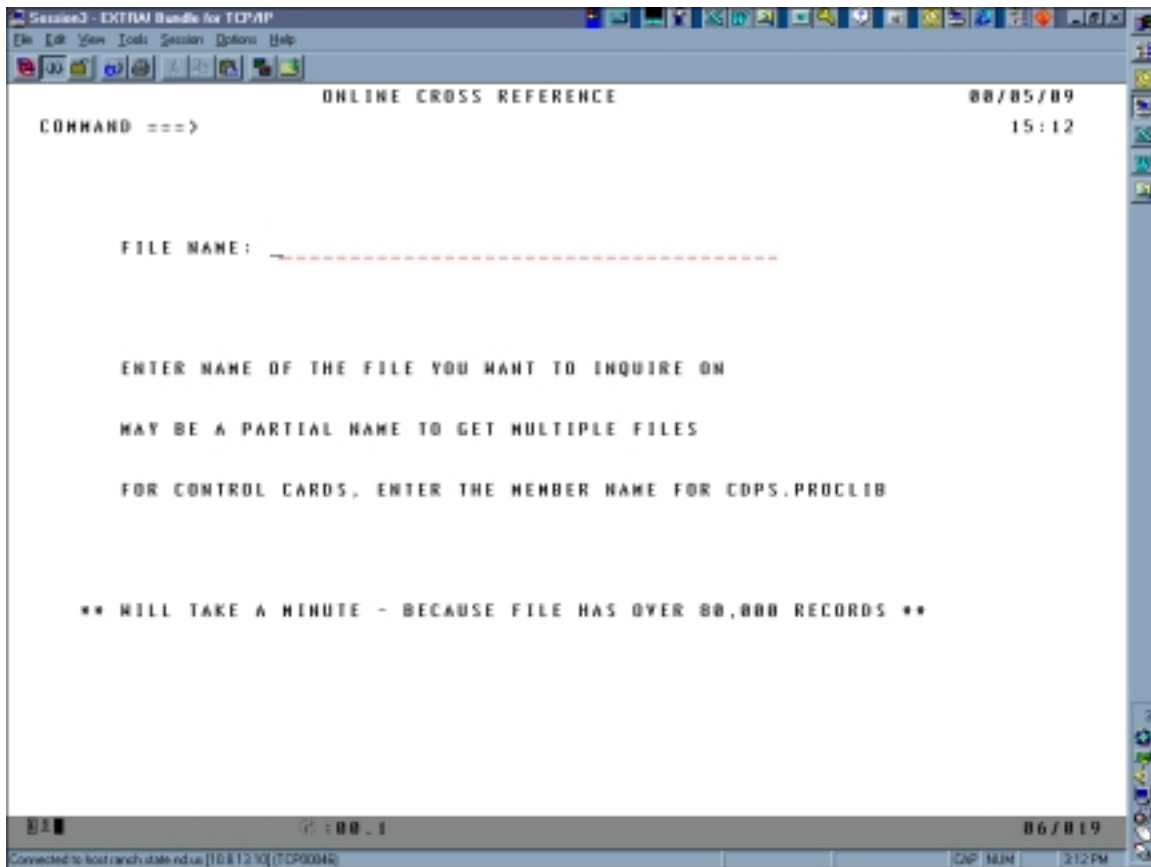


1. Type the letter beside the option you need.
2. Press enter.
3. Press F3 to return to the [SETUP MAIN MENU](#).

- F. [FILE TO JOB CROSS REFERENCE](#)
- P. [PROGRAM TO JOB CROSS REFERENCE](#)
- X. [EXIT](#)

FILE TO JOB CROSS REFERENCE:

[Index:](#)



1. Enter the file name or partial file name.
2. Press enter.
3. Press F3 to return to [CROSS REFERENCE FILE OR PROGRAMS TO JOBS.](#)

FILE TO JOB CROSS REFERENCE (cont):

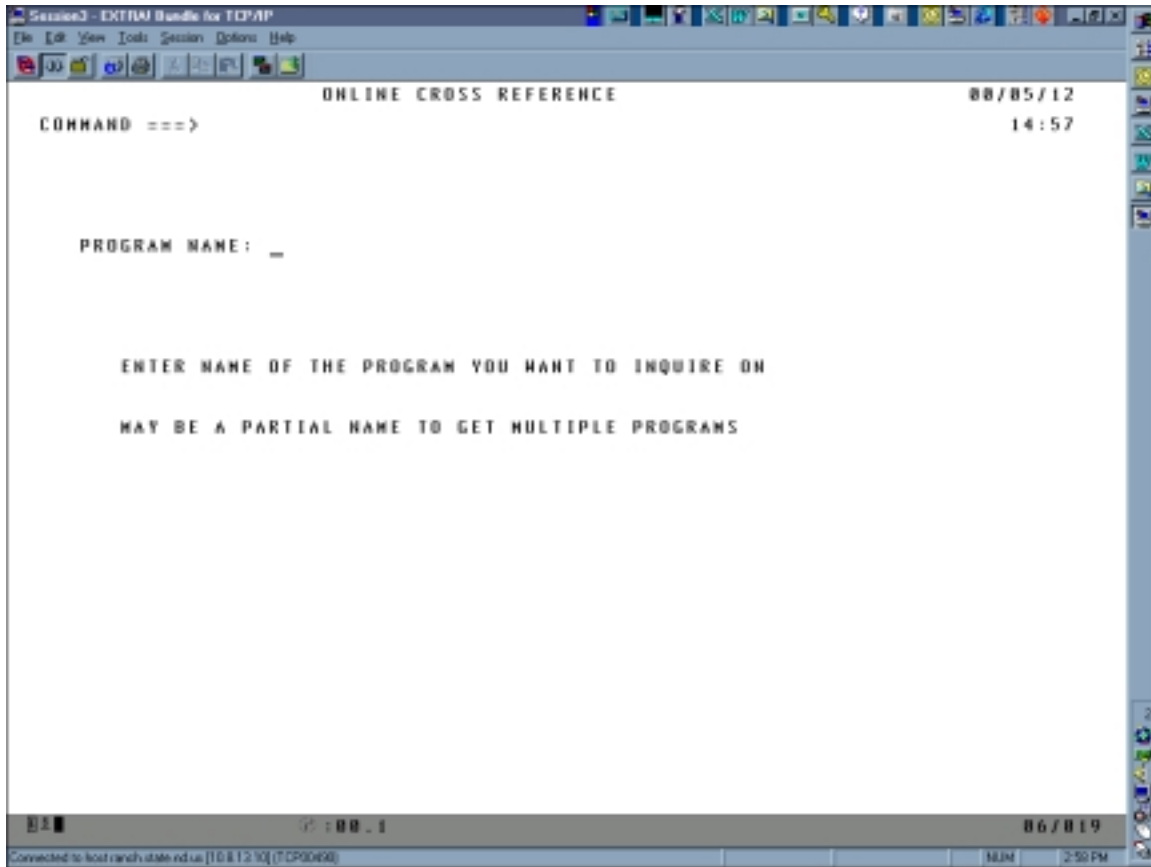
[Index:](#)

DATA SET NAME	JOB-NAME	PROGRAM	STEP	DDNAME	DISP
DF.TX101010		(0)			
DF.TX101010	TX1J003	TX1010	TX1010S	SYS210	OLD
DF.TX101010		(+1)			
DF.TX101010	TX1J003	TX1010	TX1010S	SYS250	NEW,CATLG,DELETE
DF.TX101010		(0)			
DF.TX101010	TX1J301	TX102A	TX102AS	SYS200	OLD
DF.TX101010		(+1)			
DF.TX101010	TX1J301	TX102A	TX102AS	SYS210	NEW,CATLG,DELETE
DF.TX101010		(0)			
DF.TX101010	TX1J302	NATL215	TX1376S	CHMKF01	OLD
DF.TX101010		(+1)			
DF.TX101010	TX1J302	ICEGENER	ICEGEN1	SYSUT2	NEW,CATLG,DELETE
DF.TX101010		(0)			
DF.TX101010	TX1J303	TX102C	TX102CS	SYS200	SHR
DF.TX101010		(+1)			
DF.TX101010	TX1J303	TX102C	TX102CS	SYS210	NEW,CATLG,DELETE
DF.TX101010		(0)			
DF.TX101010	TX1J304	TX102D	TX102DS	SYS200	OLD
DF.TX101010		(+1)			

1. Information about the file will be displayed.
2. Press F8 to page down.
3. Press F7 to page up.
4. Press Enter or F3 to return to [CROSS REFERENCE FILE OR PROGRAMS TO JOBS.](#)

PROGRAM TO JOB CROSS REFERENCE:

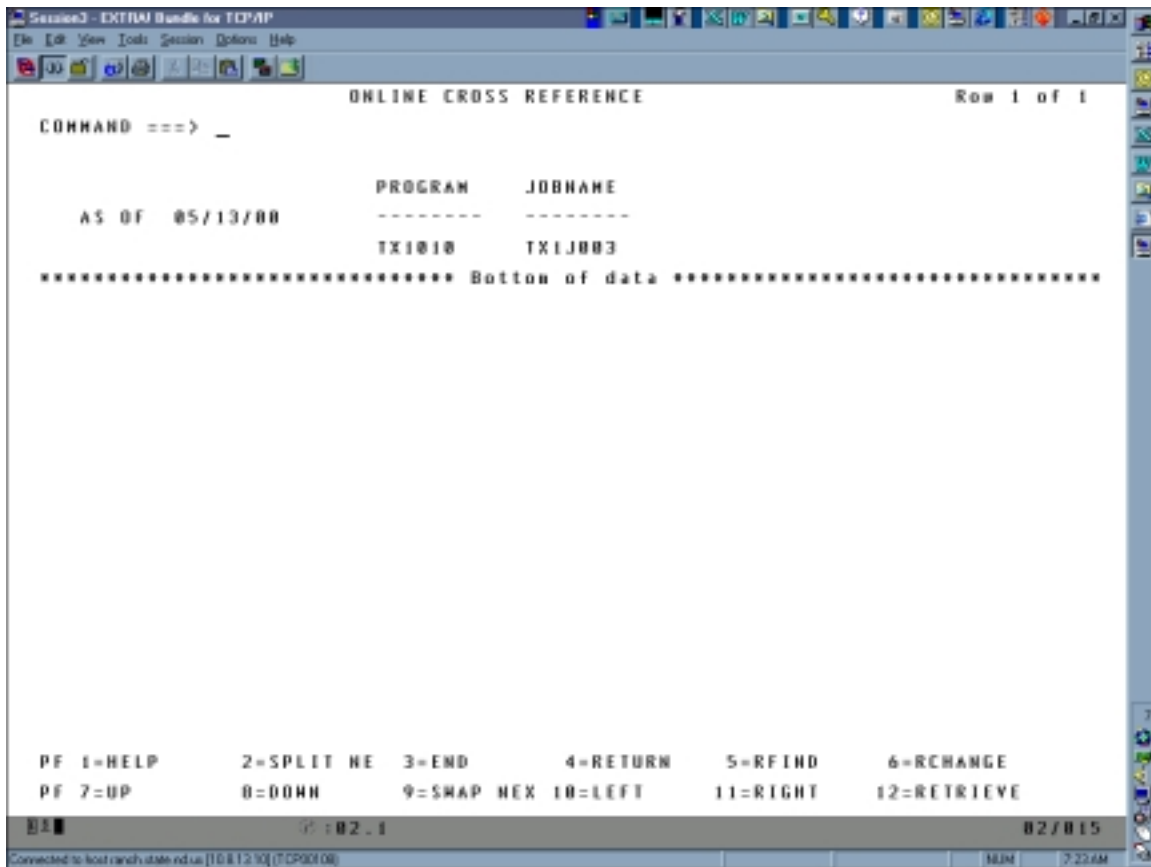
[Index:](#)



1. Enter the program name or partial program name.
2. Press enter.
3. Press F3 to return to [CROSS REFERENCE FILE OR PROGRAMS TO JOBS.](#)

PROGRAM TO JOB CROSS REFERENCE (cont):

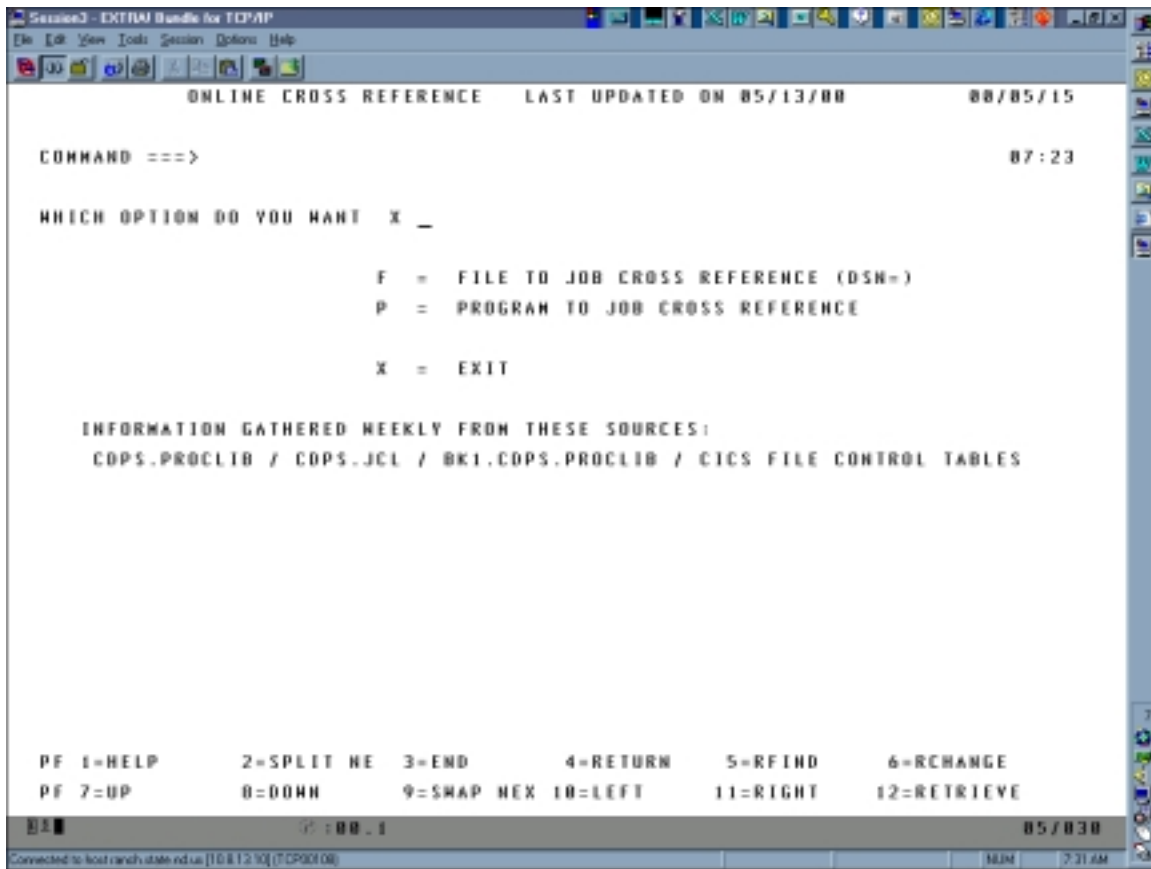
[Index:](#)



1. Information about the file will be displayed.
2. Press F8 to page down.
3. Press F7 to page up.
4. Press Enter or F3 to return to [CROSS REFERENCE FILE OR PROGRAMS TO JOBS.](#)

EXIT:

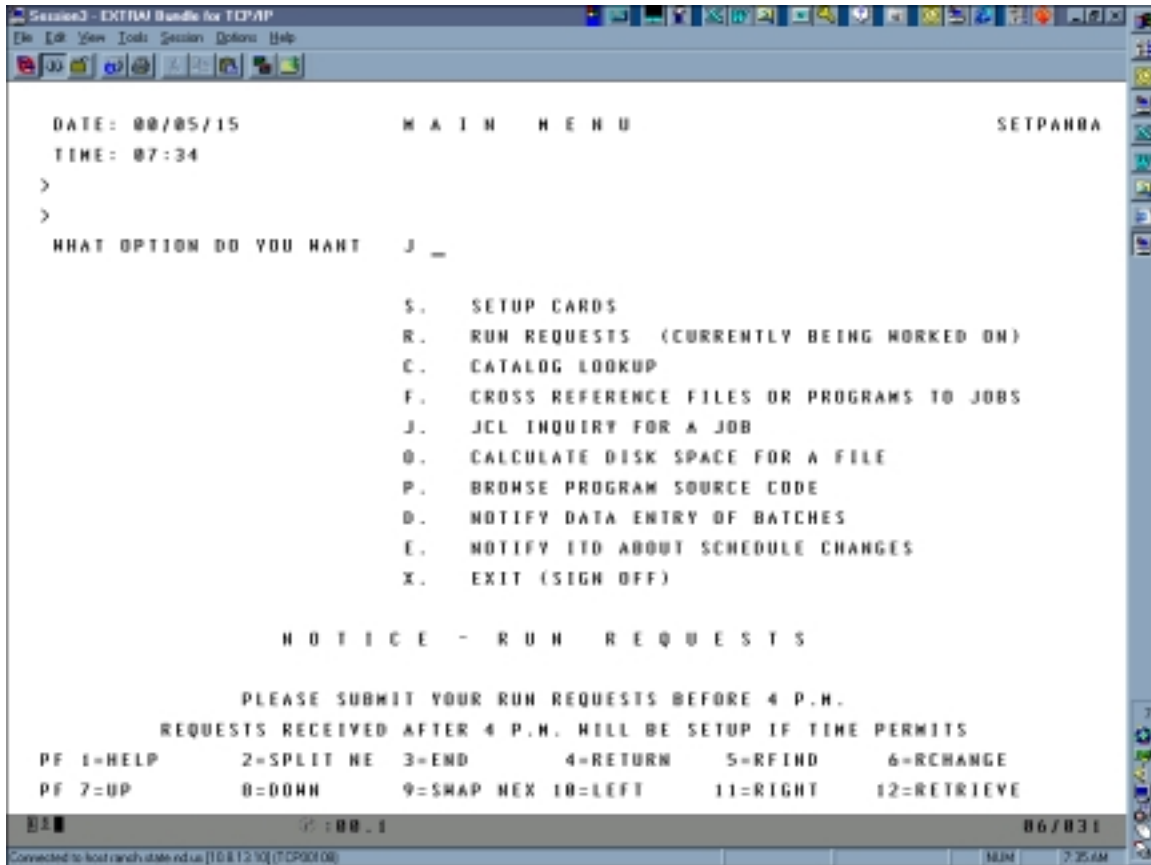
[Index:](#)



1. Enter "X" and enter, or press F3 to return to the [SETUP MAIN MENU](#).

JCL INQUIRY FOR A JOB:

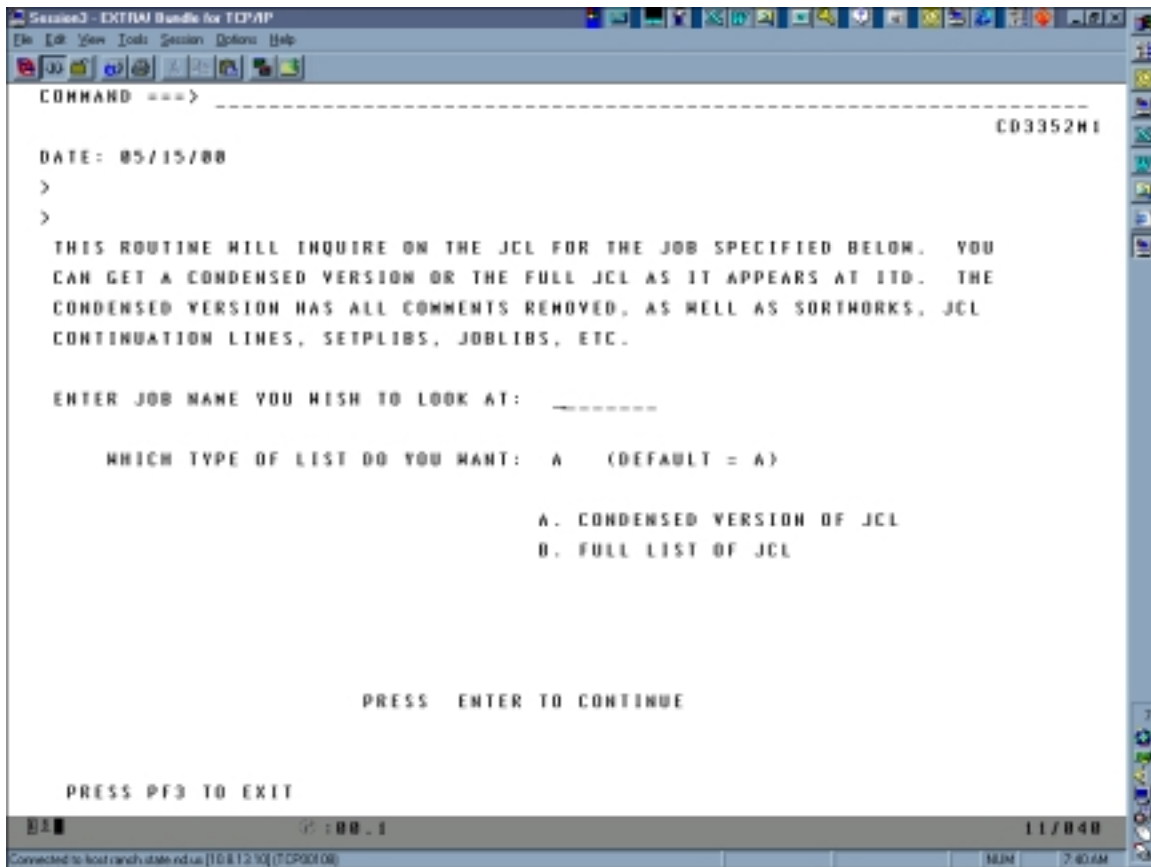
[Index:](#)



1. Type "J" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

JCL INQUIRY FOR A JOB (cont):

[Index:](#)

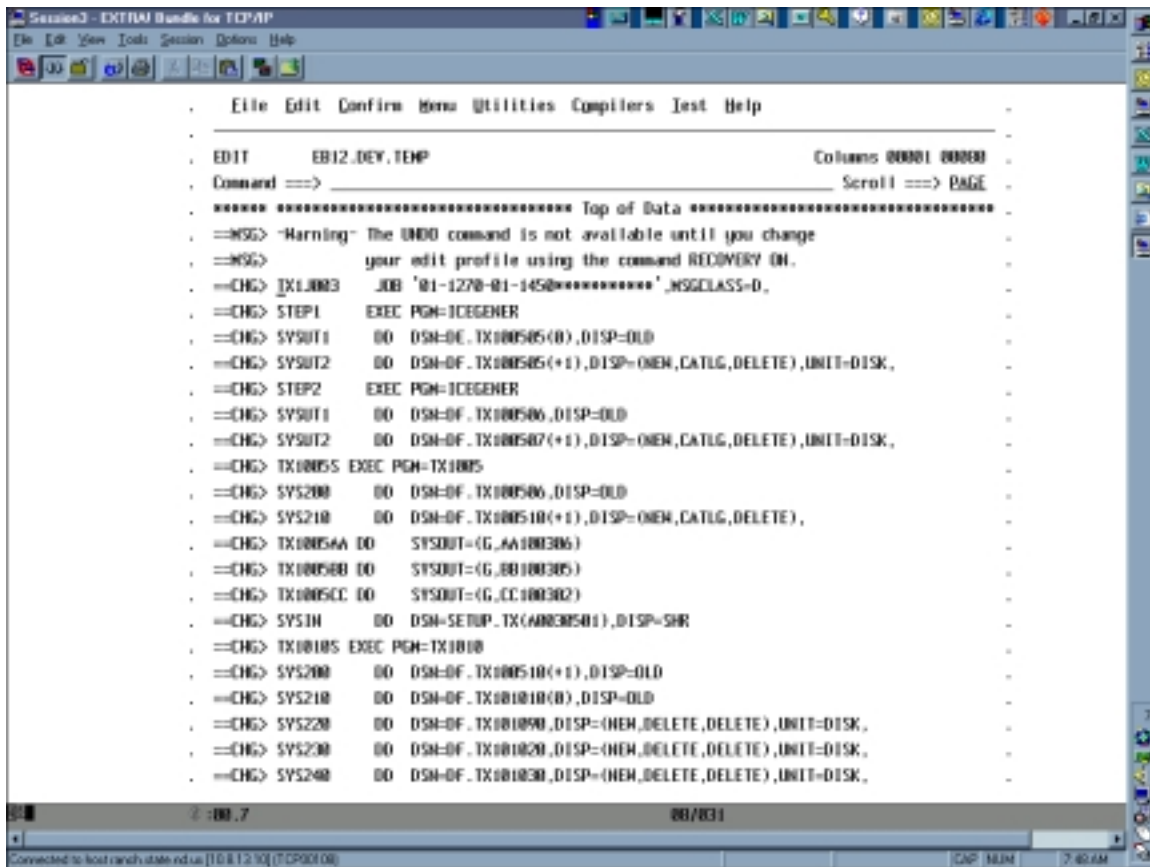


1. Type the name of the job you want to look at.
2. Type the letter beside the option you need.
3. Press enter.
4. Press F3 to return to the [SETUP MAIN MENU](#).

- A. [CONDENSED VERSION OF JCL](#)
- B. [FULL LIST OF JCL](#)

CONDENSED VERSION OF JCL:

[Index:](#)

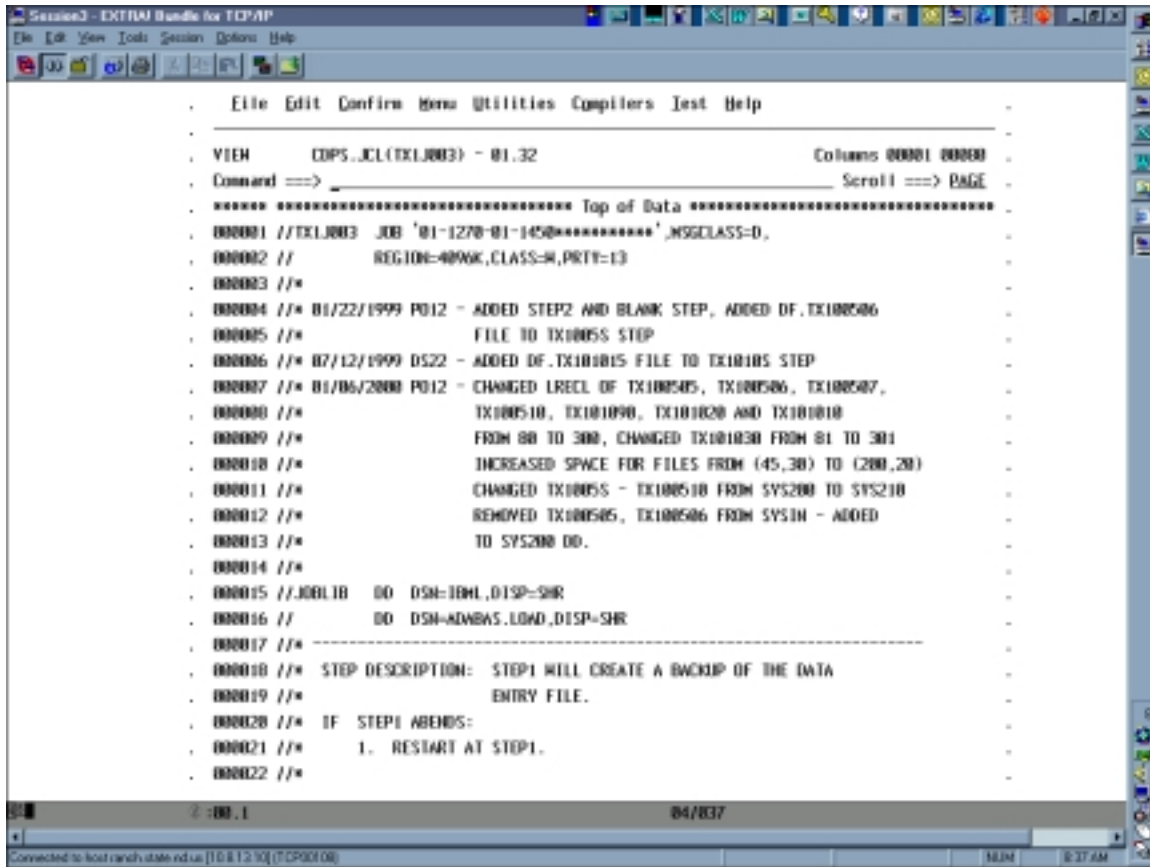


```
.      Elite Edit Confirm Menu Utilities Compilers Test Help
.
.      EDIT      EB12.DEV.TEMP      Columns 00001 00000
.      Command ==>      Scroll ==> PAGE
.      ===== Top of Data =====
.      ==MSG> "Warning" The UNDO command is not available until you change
.      ==MSG>      your edit profile using the command RECOVERY ON.
.      ==CHG> TX10003      JOB '01-1270-01-1450*****',MSGCLASS=0,
.      ==CHG> STEP1      EXEC PGM=ICEGENER
.      ==CHG> SYSUT1      DD DSN=0E.TX100505(0),DISP=OLD
.      ==CHG> SYSUT2      DD DSN=0E.TX100505(+1),DISP=(NEW,CATLG,DELETE),UNIT=DISK,
.      ==CHG> STEP2      EXEC PGM=ICEGENER
.      ==CHG> SYSUT1      DD DSN=0E.TX100506,DISP=OLD
.      ==CHG> SYSUT2      DD DSN=0E.TX100507(+1),DISP=(NEW,CATLG,DELETE),UNIT=DISK,
.      ==CHG> TX10055      EXEC PGM=TX1005
.      ==CHG> SYS200      DD DSN=0E.TX100506,DISP=OLD
.      ==CHG> SYS210      DD DSN=0E.TX100510(+1),DISP=(NEW,CATLG,DELETE),
.      ==CHG> TX10056A      DD SYSOUT=(G,AA100306)
.      ==CHG> TX10056B      DD SYSOUT=(G,BB100305)
.      ==CHG> TX10056C      DD SYSOUT=(G,CC100302)
.      ==CHG> SYS1H      DD DSN=SETUP.TX(AN000501),DISP=SHR
.      ==CHG> TX100105      EXEC PGM=TX10010
.      ==CHG> SYS200      DD DSN=0E.TX100510(+1),DISP=OLD
.      ==CHG> SYS210      DD DSN=0E.TX100101(0),DISP=OLD
.      ==CHG> SYS220      DD DSN=0E.TX100100,DISP=(NEW,DELETE,DELETE),UNIT=DISK,
.      ==CHG> SYS230      DD DSN=0E.TX1001020,DISP=(NEW,DELETE,DELETE),UNIT=DISK,
.      ==CHG> SYS240      DD DSN=0E.TX1001030,DISP=(NEW,DELETE,DELETE),UNIT=DISK,
.
.      : 00.7      00/031
.
.      Connected to host ranch.state.nd.us [10.8.1.2] (TCP00100)      CAP 16.1M      7:40 AM
```

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F3 to return to [JCL INQUIRY FOR A JOB \(with print option\)](#)

FULL LIST OF JCL:

[Index:](#)



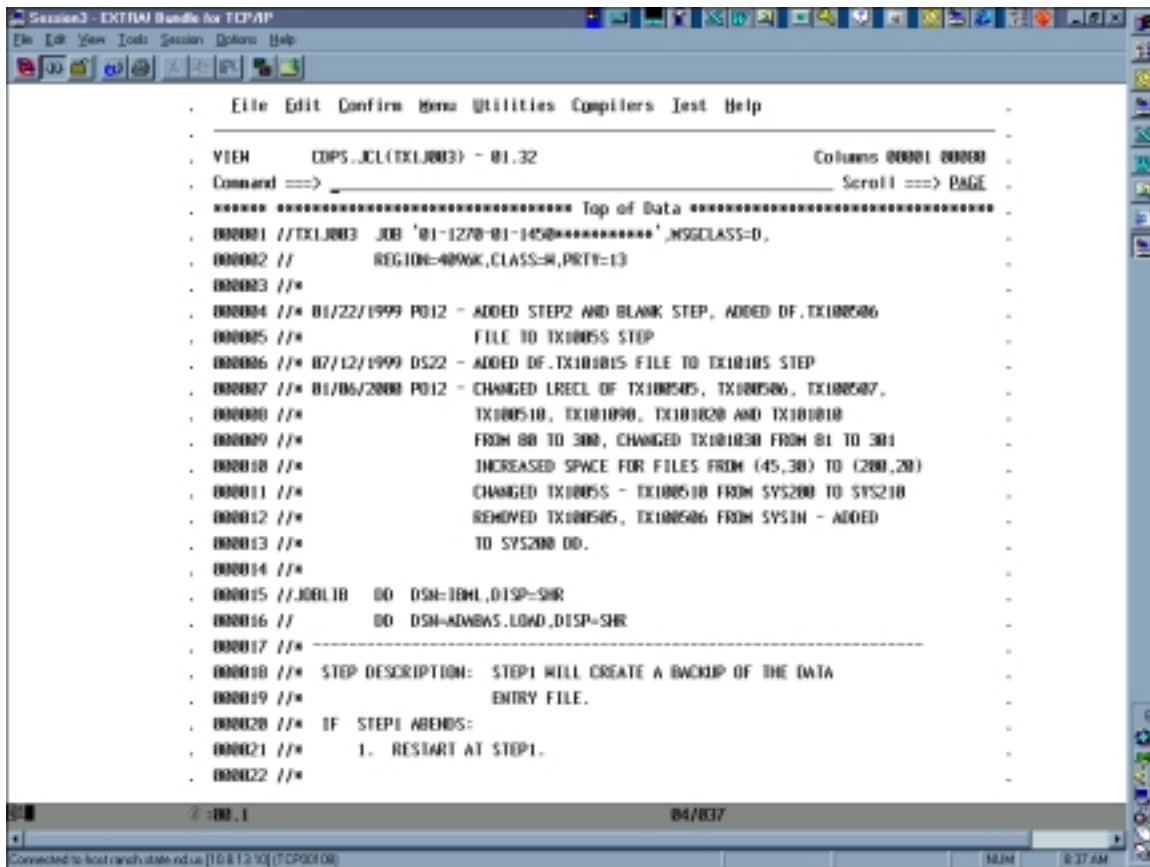
The screenshot shows a terminal window titled "Session3 - EXTRA Bundle for TDPAP". The menu bar includes "File", "Edit", "View", "Tools", "Session", "Options", and "Help". The main window displays JCL code for a job named "COPS.JCL(TX1003)". The code includes comments about adding steps, changing file names, and increasing space. The status bar at the bottom shows "Connected to host ranch.state.nd.us [10.8.1.2] (TCP001.00)" and the time "10:37 AM".

```
. Elite Edit Confirm Menu Utilities Compilers Test Help
.
. VIEW      COPS.JCL(TX1003) - 01.32                      Columns 00001 00000
. Command ==> _____ Scroll ==> PAGE
. ***** Top of Data *****
. 000001 //TX1003 JOB '01-1270-01-1450*****',MSGCLASS=D,
. 000002 //          REGION=4096K,CLASS=M,PRTY=13
. 000003 //*
. 000004 //* 01/22/1999 PD12 - ADDED STEP2 AND BLANK STEP, ADDED DF.TX100506
. 000005 //*          FILE TO TX10055 STEP
. 000006 //* 07/12/1999 D522 - ADDED DF.TX101015 FILE TO TX10105 STEP
. 000007 //* 01/06/2000 PD12 - CHANGED LRECL OF TX100545, TX100506, TX100507,
. 000008 //*          TX100510, TX101090, TX101020 AND TX101010
. 000009 //*          FROM 80 TO 300, CHANGED TX101030 FROM 81 TO 301
. 000010 //*          INCREASED SPACE FOR FILES FROM (45,30) TO (200,20)
. 000011 //*          CHANGED TX10055 - TX100510 FROM SYS200 TO SYS210
. 000012 //*          REMOVED TX100545, TX100506 FROM SYS30 - ADDED
. 000013 //*          TO SYS200 DD.
. 000014 //*
. 000015 //JOB10 DD DSN=1001,DISP=SHR
. 000016 //          DD DSN=ADMBAS.LOAD,DISP=SHR
. 000017 //* -----
. 000018 //* STEP DESCRIPTION: STEP1 WILL CREATE A BACKUP OF THE DATA
. 000019 //*          ENTRY FILE.
. 000020 //* IF STEP1 ABENDS:
. 000021 //*          1. RESTART AT STEP1.
. 000022 //*
```

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F3 to return to [JCL INQUIRY FOR A JOB \(with print option\)](#)

FULL LIST OF JCL:

[Index:](#)



The screenshot shows a window titled "Session3 - EXTRM Bundle for TDPAP". The menu bar includes File, Edit, View, Tools, Session, Options, and Help. The main display area shows the following JCL and job details:

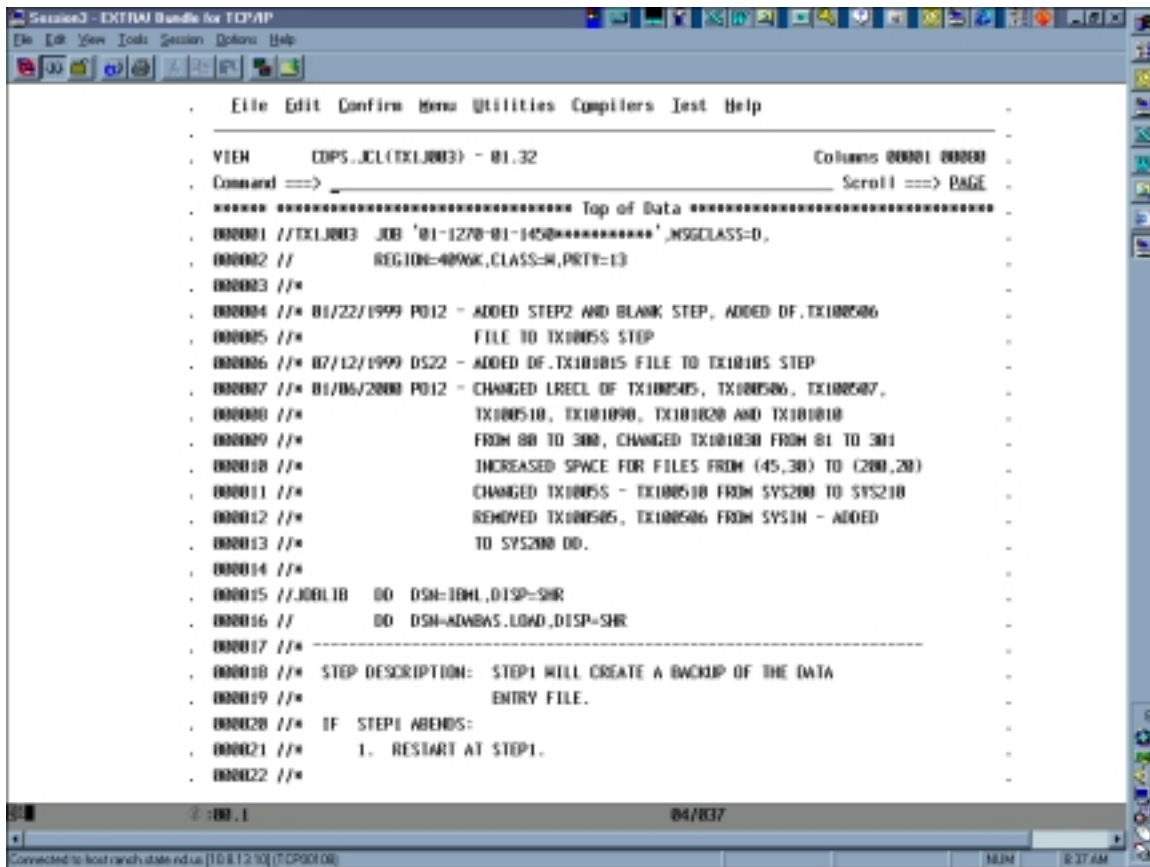
```
. Elite Edit Confirm Menu Utilities Compilers Test Help
.
. VIEW      COPS,JCL(TX1003) - 01.32          Columns 00001 00000
. Command ==>                               Scroll ==> PAGE
. ***** Top of Data *****
. 000001 //TX1003 JOB '01-1270-01-1450*****',MSGCLASS=D,
. 000002 //          REGION=4096K,CLASS=N,PRTY=13
. 000003 //*
. 000004 //* 01/22/1999 PD12 - ADDED STEP2 AND BLANK STEP, ADDED DF.TX100506
. 000005 //*          FILE TO TX10055 STEP
. 000006 //* 07/12/1999 D522 - ADDED DF.TX10015 FILE TO TX10015 STEP
. 000007 //* 01/06/2000 PD12 - CHANGED LRECL OF TX100545, TX100546, TX100547,
. 000008 //*          TX100510, TX100590, TX100620 AND TX100610
. 000009 //*          FROM 80 TO 300, CHANGED TX100630 FROM 81 TO 301
. 000010 //*          INCREASED SPACE FOR FILES FROM (45,30) TO (200,20)
. 000011 //*          CHANGED TX10055 - TX100510 FROM SYS200 TO SYS210
. 000012 //*          REMOVED TX100545, TX100546 FROM SYS30 - ADDED
. 000013 //*          TO SYS200 DD.
. 000014 //*
. 000015 //JOB110 DD DSN=J001,DISP=SHR
. 000016 //          DD DSN=ADMBAS.LOAD,DISP=SHR
. 000017 //*
. 000018 //* STEP DESCRIPTION: STEP1 WILL CREATE A BACKUP OF THE DATA
. 000019 //*          ENTRY FILE.
. 000020 //* IF STEP1 ABENDS:
. 000021 //*          1. RESTART AT STEP1.
. 000022 //*
```

The status bar at the bottom shows "Connected to host ranch.state.nd.us [10.8.1.2] (TCP001.00)", "10.0M", and "8:37 AM".

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F3 to return to [JCL INQUIRY FOR A JOB \(with print option\)](#)

FULL LIST OF JCL:

[Index:](#)



```
.      Elite Edit Confirm Menu Utilities Compilers Test Help
.
.      VIEW      COPS,JCL(TX1003) - 01.32      Columns 00001 00000
.      Command ==> _____ Scroll ==> PAGE
.      ***** Top of Data *****
.      000001 //TX1003 JOB '01-1270-01-1450*****',MSGCLASS=D,
.      000002 //          REGION=4096K,CLASS=N,PRTY=13
.      000003 //*
.      000004 //* 01/22/1999 PD12 - ADDED STEP2 AND BLANK STEP, ADDED DF.TX100506
.      000005 //*          FILE TO TX10055 STEP
.      000006 //* 07/12/1999 DS22 - ADDED DF.TX101015 FILE TO TX10105 STEP
.      000007 //* 01/06/2000 PD12 - CHANGED LRECL OF TX100545, TX100506, TX100507,
.      000008 //*          TX100510, TX101090, TX101020 AND TX101010
.      000009 //*          FROM 80 TO 300, CHANGED TX101030 FROM 81 TO 301
.      000010 //*          INCREASED SPACE FOR FILES FROM (45,30) TO (200,20)
.      000011 //*          CHANGED TX10055 - TX100510 FROM SYS200 TO SYS210
.      000012 //*          REMOVED TX100505, TX100506 FROM SYS10 - ADDED
.      000013 //*          TO SYS200 DD.
.      000014 //*
.      000015 //JOB10 DD DSN=10ML,DISP=SHR
.      000016 //          DD DSN=ADMBAS.LOAD,DISP=SHR
.      000017 //* -----
.      000018 //* STEP DESCRIPTION: STEP1 WILL CREATE A BACKUP OF THE DATA
.      000019 //*          ENTRY FILE.
.      000020 //* IF STEP1 ABENDS:
.      000021 //*          1. RESTART AT STEP1.
.      000022 //*
```

1. Press F8 to page down.
2. Press F7 to page up.
3. Press F3 to return to [JCL INQUIRY FOR A JOB \(with print option\)](#)

JCL INQUIRY FOR A JOB (with print option):

[Index:](#)

```
Session3 - EXTRM Bundle for TDPAP
File Edit View Tools Session Options Help

COMMAND ===> > -----
DATE: 05/15/88
>
>
THIS ROUTINE WILL INQUIRE ON THE JCL FOR THE JOB SPECIFIED BELOW. YOU
CAN GET A CONDENSED VERSION OR THE FULL JCL AS IT APPEARS AT ITS. THE
CONDENSED VERSION HAS ALL COMMENTS REMOVED, AS WELL AS SORTWORKS, JCL
CONTINUATION LINES, SETPLIBS, JOBLIBS, ETC.

ENTER JOB NAME YOU WISH TO LOOK AT: TXIJ003_

WHICH TYPE OF LIST DO YOU WANT: C (DEFAULT = A)

A. CONDENSED VERSION OF JCL
B. FULL LIST OF JCL
C. PRINT THE JCL JUST REVIEWED

PRESS ENTER TO CONTINUE

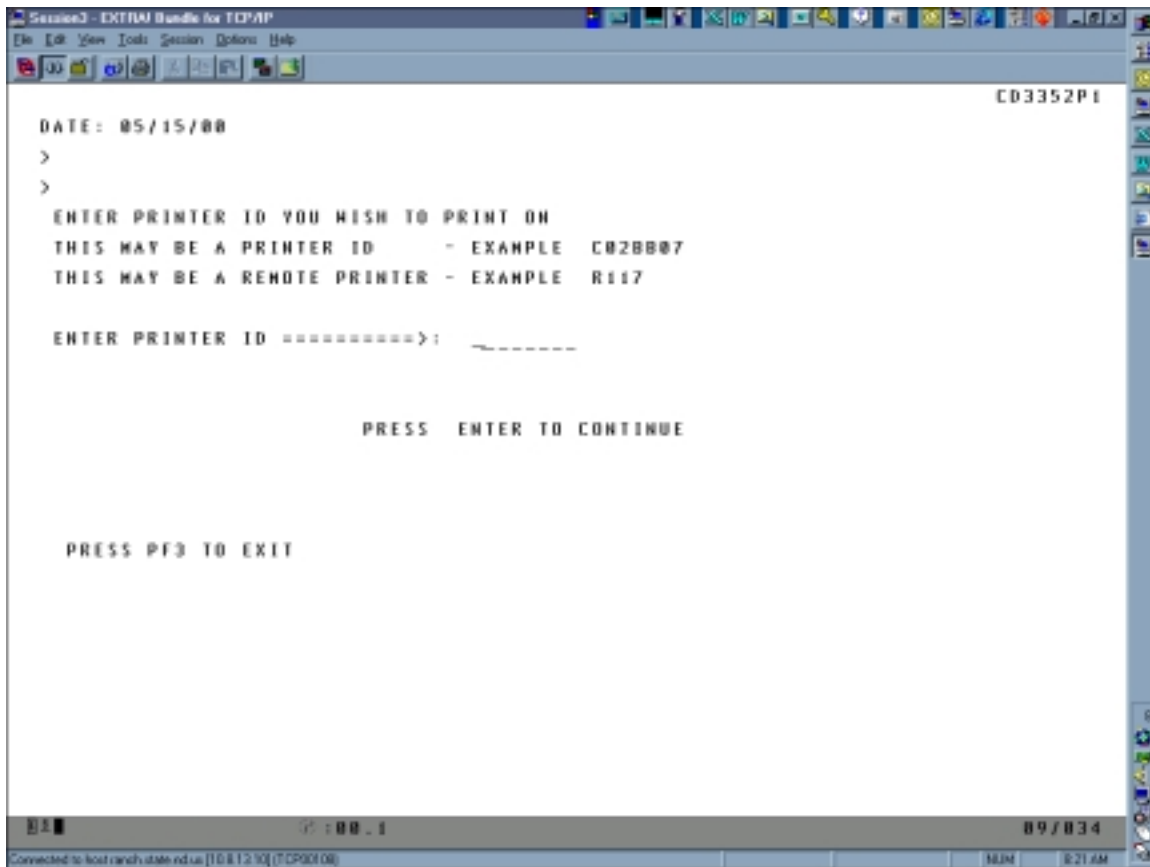
PRESS PF3 TO EXIT

01/015
Connected to host ranch.state.nd.us [10.8.12.10] (TCP000000) 10:20 AM
```

1. Type "C" for the option.
2. Press enter.
3. Press F3 to return to the [SETUP MAIN MENU](#).

JCL INQUIRY FOR A JOB (with print option) (cont):

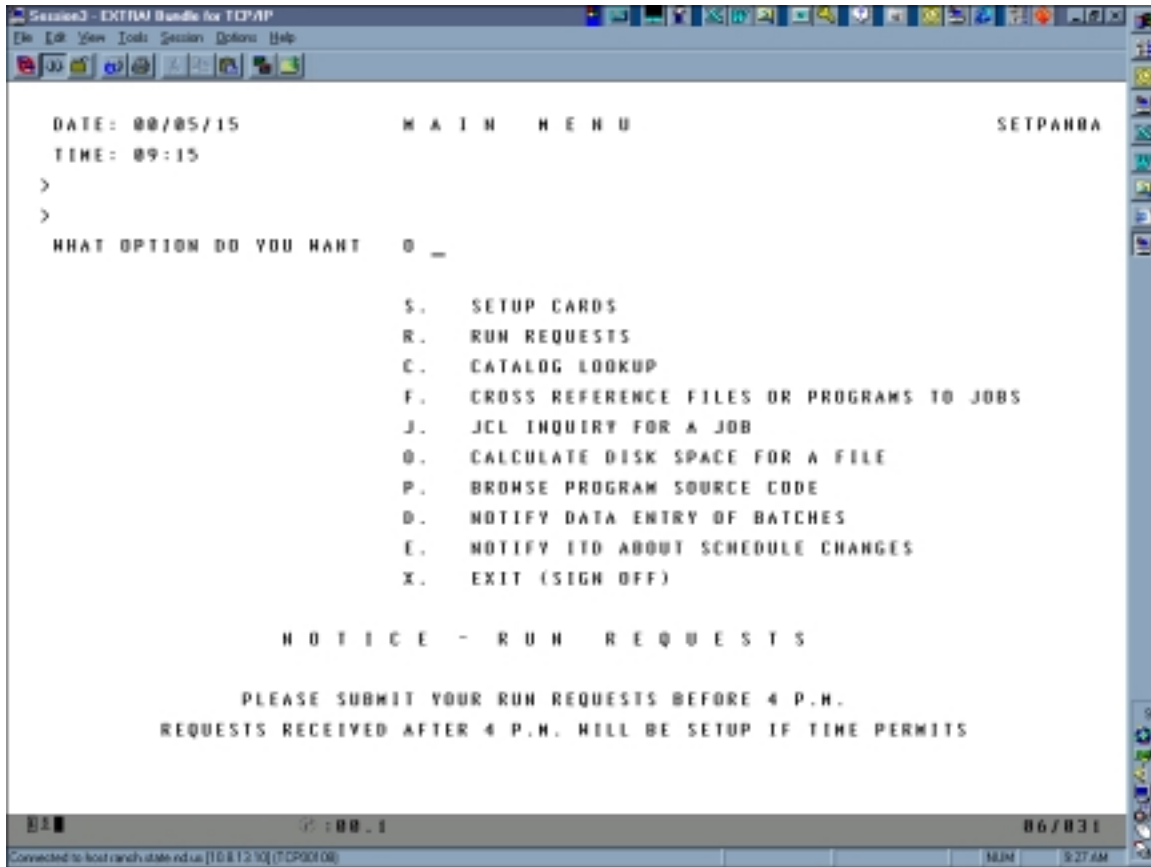
[Index:](#)



1. Type the printer name.
2. Press enter.
3. JCL will print, and return to [JCL INQUIRY FOR A JOB \(with print option\)](#).
4. Press F3 to return to [JCL INQUIRY FOR A JOB \(with print option\)](#) without printing.

CALCULATE DISK SPACE FOR A FILE:

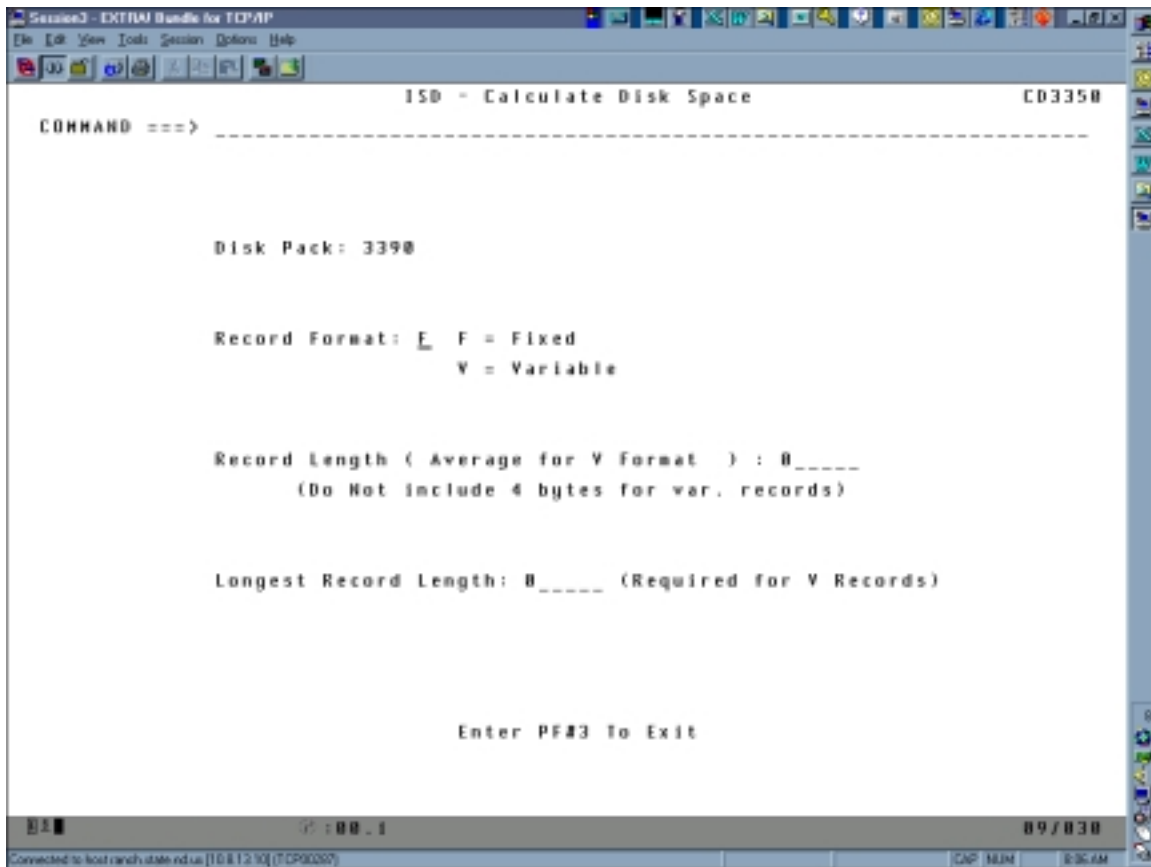
[Index:](#)



1. Type "O" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

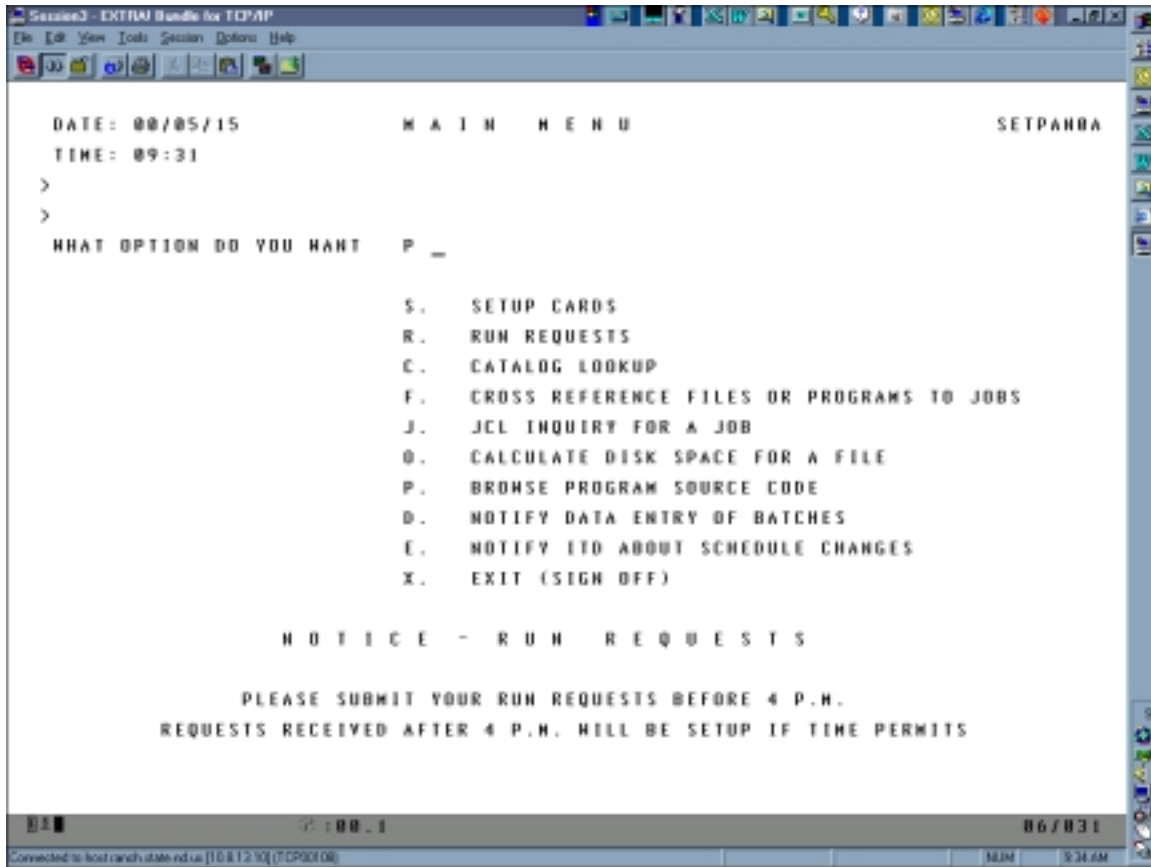
CALCULATE DISK SPACE FOR A FILE (cont):

[Index:](#)



BROWSE PROGRAM SOURCE CODE:

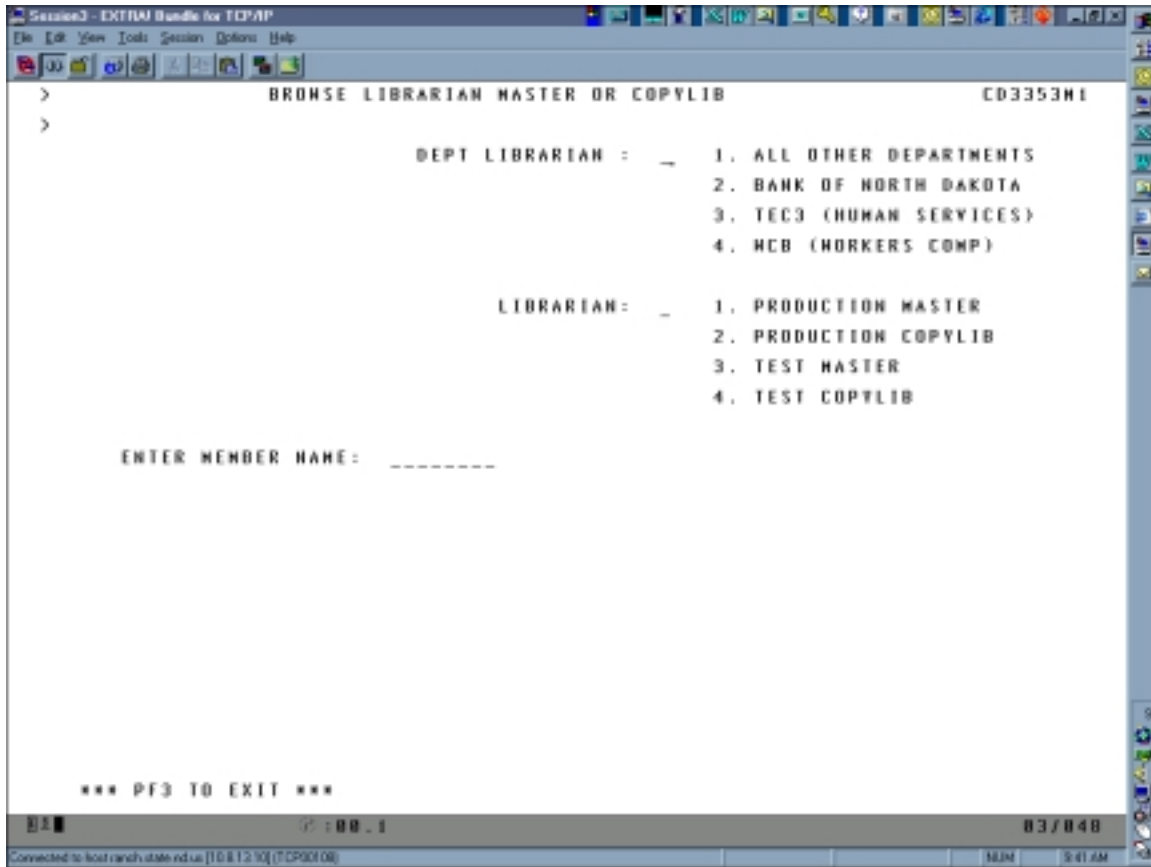
[Index:](#)



1. Type "P" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

BROWSE PROGRAM SOURCE CODE (cont):

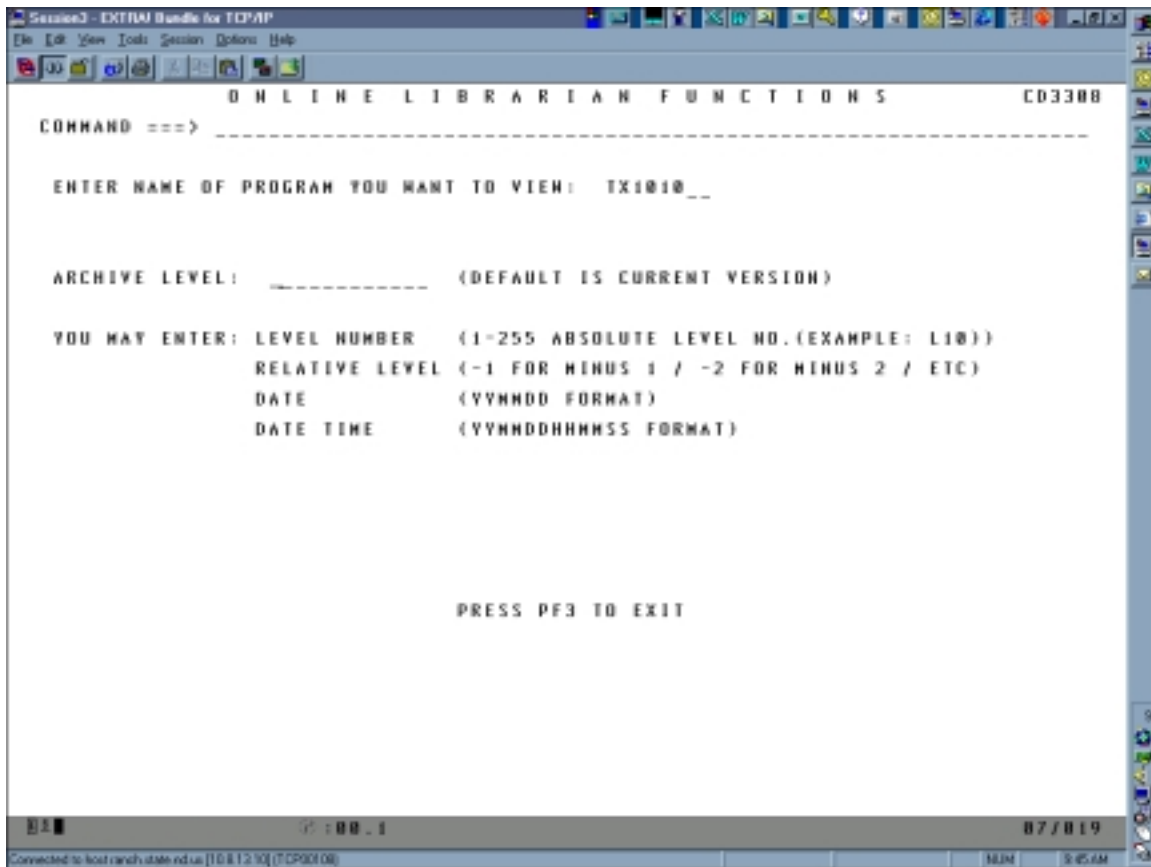
[Index:](#)



1. Type the number next to the department you wish to view.
2. Type the number next to the Librarian File the program is located.
3. Type the program name.
4. Press enter.
5. Press F3 to return to the [SETUP MAIN MENU](#).

BROWSE PROGRAM SOURCE CODE (cont):

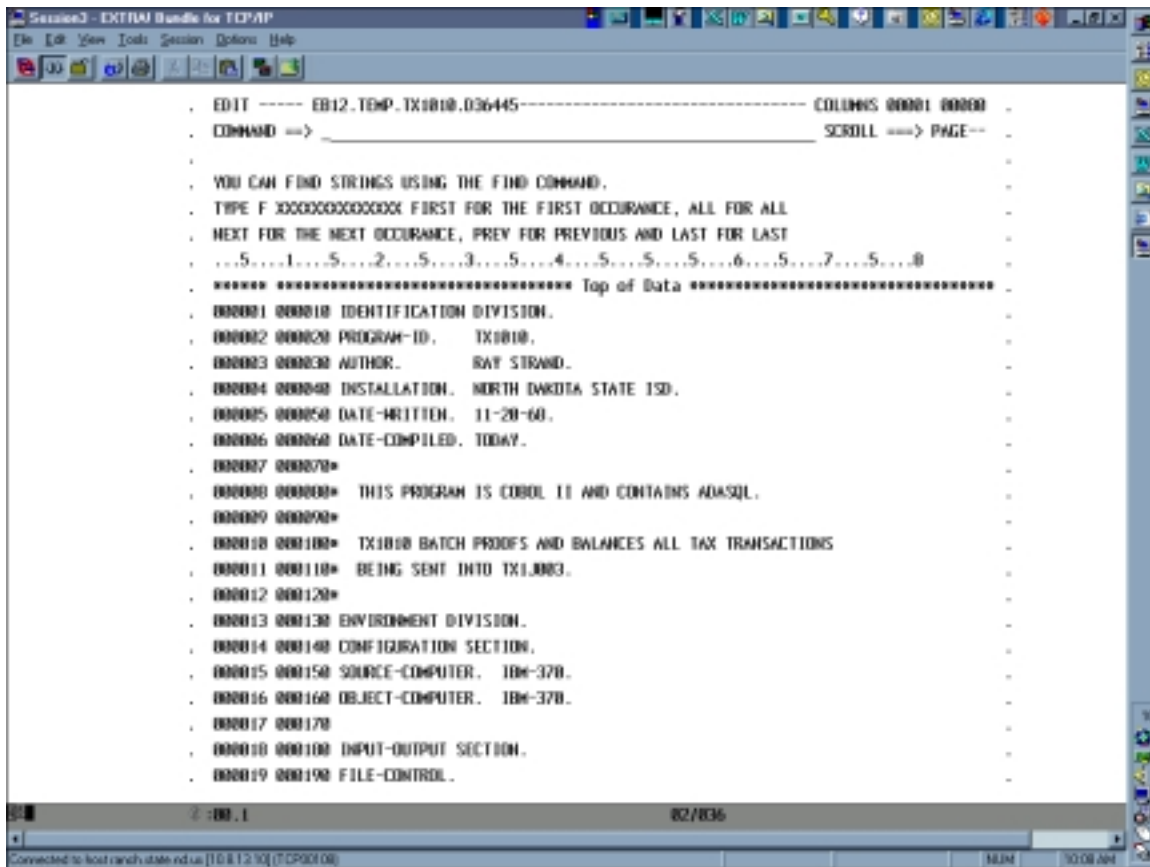
[Index:](#)



1. Enter the Archive Level if you want to view a version of the program other than the current version.
2. Press enter
3. Press F3 to return to [BROWSE PROGRAM SOURCE CODE](#).

BROWSE PROGRAM SOURCE CODE (cont):

[Index:](#)

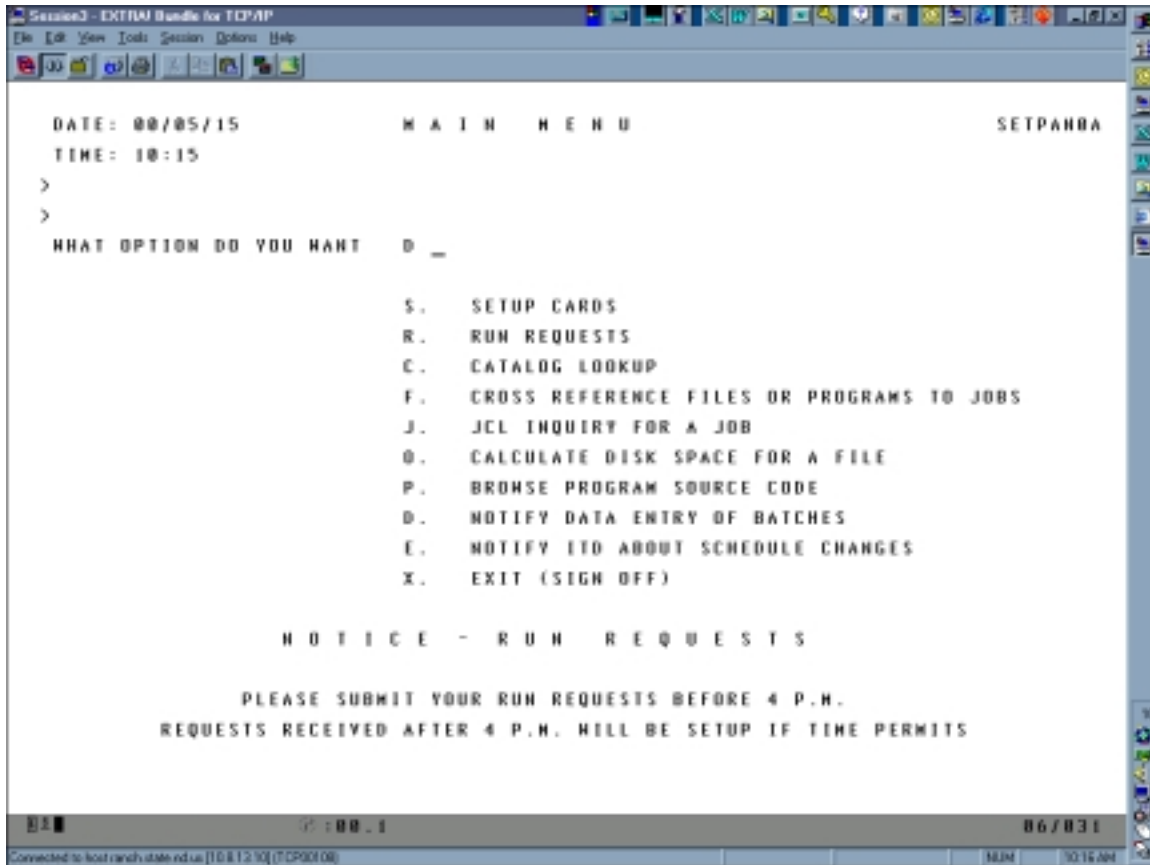
A screenshot of a terminal window titled "Session3 - EXTRA Bundle for TDPAP". The window shows a command prompt with "EDIT ---- EB12.TEMP.TX1010.D36445-----" and "COMMAND ==>". Below this, there is a series of instructions for using the FIND command, followed by a list of program sections: IDENTIFICATION DIVISION, PROGRAM-ID, AUTHOR, INSTALLATION, DATE-WRITTEN, DATE-COMPILED, and various sections of the program (000000 to 000190). The terminal window has a standard Windows-style taskbar at the bottom with various icons and a status bar showing "Connected to host ranch.state.nd.us [10.8.1.2] (TCP001.00)".

```
. EDIT ---- EB12.TEMP.TX1010.D36445----- COLUMNS 00001 00000 .  
. COMMAND ==> _____ SCROLL ==> PAGE-- .  
. .  
. YOU CAN FIND STRINGS USING THE FIND COMMAND. .  
. TYPE F XXXXXXXXXXXX FIRST FOR THE FIRST OCCURANCE, ALL FOR ALL .  
. NEXT FOR THE NEXT OCCURANCE, PREY FOR PREVIOUS AND LAST FOR LAST .  
. .5...1...5...2...5...3...5...4...5...5...5...6...5...7...5...8 .  
. ***** Top of Data ***** .  
. 000001 000010 IDENTIFICATION DIVISION. .  
. 000002 000020 PROGRAM-ID. TX1010. .  
. 000003 000030 AUTHOR. RAY STRAND. .  
. 000004 000040 INSTALLATION. NORTH DAKOTA STATE ISD. .  
. 000005 000050 DATE-WRITTEN. 11-20-60. .  
. 000006 000060 DATE-COMPILED. TODAY. .  
. 000007 000070 .  
. 000008 000080 THIS PROGRAM IS COBOL II AND CONTAINS ADASQL. .  
. 000009 000090 .  
. 000010 000100 TX1010 BATCH PROOFS AND BALANCES ALL TAX TRANSACTIONS .  
. 000011 000110 BEING SENT INTO TX1003. .  
. 000012 000120 .  
. 000013 000130 ENVIRONMENT DIVISION. .  
. 000014 000140 CONFIGURATION SECTION. .  
. 000015 000150 SOURCE-COMPUTER. IBM-370. .  
. 000016 000160 OBJECT-COMPUTER. IBM-370. .  
. 000017 000170 .  
. 000018 000180 INPUT-OUTPUT SECTION. .  
. 000019 000190 FILE-CONTROL. .
```

1. Program source code is displayed.
2. Press F8 to page down.
3. Press F7 to page up.
4. Commands available:
 - Find – To locate a word or group of words. (use quotes for a group of words).
 - Next – To locate the next occurrence from the find command.
 - Prev – To locate the previous occurrence from the find command.
5. Press F1 to find other edit commands available.
6. Press F3 to return to [BROWSE PROGRAM SOURCE CODE](#).

NOTIFY DATA ENTRY OF BATCHES:

[Index:](#)



1. Type "D" for the option.
2. Press enter.
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

NOTIFY DATA ENTRY OF BATCHES (cont):

[Index:](#)

Session3 - EXTRA Bundle for TDPAP

DATA PI

INFORMATION TECHNOLOGY DIVISION
DATA ENTRY INFORMATION

REQUESTED ON 05/15/00 AT 11:40AM

REQUESTED BY: _____

JOB NAME: _____ CHARGE CODE: 10-1120-20-EB12-P003??????

BATCHES: _____

COMMENTS: _____

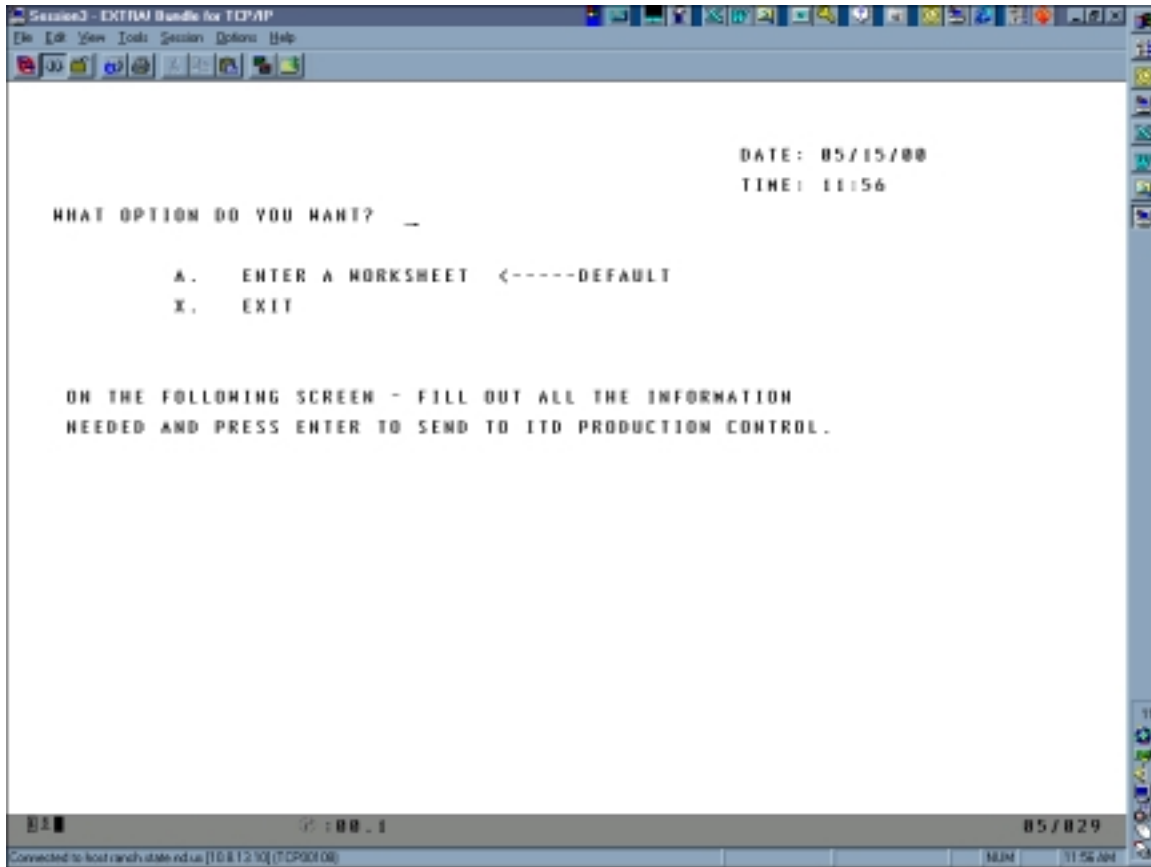
05/15/00 11:40 AM 00/022

Connected to host ranch.state.nd.us [10.8.12.10] (TCP000000)

1. Enter the requested information.
2. Press enter to submit the form to ITD data entry.
3. Press F3 to return to the [SETUP MAIN MENU](#).

NOTIFY ITD ABOUT SCHEDULE CHANGES:

[Index:](#)



1. Type "A" for the option.
2. Press enter.
3. Type "X" and press enter or press F3 to return to the [SETUP MAIN MENU](#).

NOTIFY ITD ABOUT SCHEDULE CHANGES (cont):

[Index:](#)

The screenshot shows a Windows-style application window titled "Session3 - EXTRA Bundle for TOPAP". The menu bar includes "File", "Edit", "View", "Tools", "Session", "Options", and "Help". The main window has a title bar with "OPC" and "ADD / CHANGE / DELETE" buttons, and a "SCHEDULE" button. The main area contains the following text:

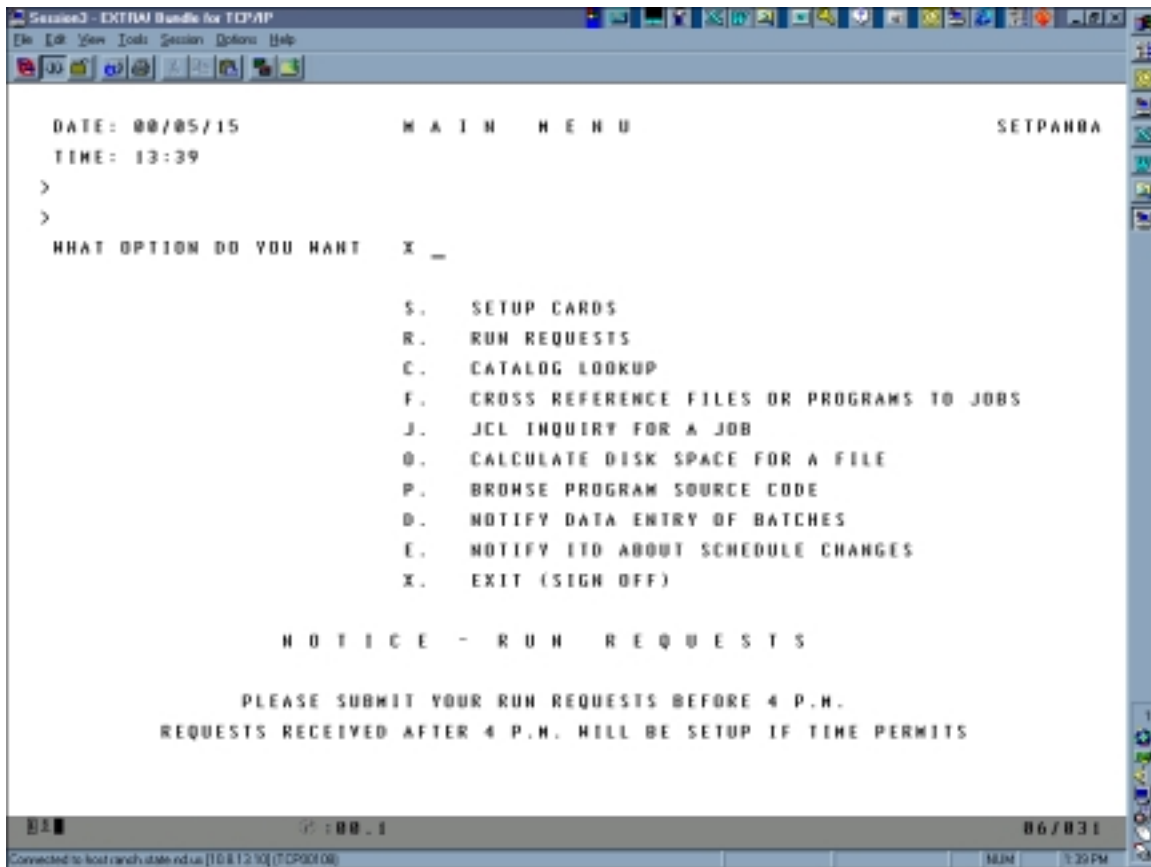
USER: _____ DATE: _____
DEPT: _____ NEEDED BY - DATE: _____
SCHEDULE ADD: _ CHANGE: _ DELETE: _ (ENTER AN X)
IF ADD - SCHEDULE: _____ ROLL= _
IF CHANGE - SCHEDULE FROM: _____
IF CHANGE - SCHEDULE TO: _____
IF DELETE - LIST JOBS: _____
SYSTEM NAME: _____ SPECIAL SCHED TIME: _____
SCHIDS: _____ FLOWCHART NR: QH _____
IF (ADD OR CHANGE) LIST RUNNING ORDER AND DEPENDENCIES BELOW.
JOBNAME: _____ RUN AFTER: _____ RUN BEFORE: _____
REMARKS: _____

The status bar at the bottom shows "Connected to host ranch.state.nd.us [10.8.1.2 X] (TCP000000)", "02/009", and "1:30 PM".

1. Enter the requested information.
2. Press enter to send the worksheet to the ITD production control printer and return to [SETUP MAIN MENU](#).
3. Press F3 to return to the [SETUP MAIN MENU](#).

EXIT:

[Index:](#)



1. Enter "X" for the option.
2. Press enter to return to [ISPF MENU - SETUP](#), or [USER MENU](#).
OR
3. Press F3 to return to [ISPF MENU - SETUP](#), or [USER MENU](#).

Run Request FIELDS:

[Index:](#)

- A. **Charge Code** – Two different charge codes can be entered.
 - If the charge code ITD has in the JCL is correct, you don't have to list any charge code on the run request. (See [JCL INQUIRY FOR A JOB](#) option B (full list) to check the charge code.
 - If you wish to change what ITD has in the JCL, enter the charge code in charge code 1 and/or charge code 2.
- B. **Requested By** – Is filled in by the system.
 - You can change the name by typing over the name in this field.
- C. **Run Date** – Is filled in by the system.
 - To enter a run request for a future date, type the date desired in the run date field. Notify ITD Operations of the pre-dated request so the job isn't run on the incorrect date.
- D. **Job No.** – Used for reference in the override section. [Job No](#)
 - Use the job number 1 – 7 that is listed beside the job name you are referencing.
- E. **Job Name**
 - Enter the name of the job you are requesting to be run.
- F. **Charge Code**
 - Enter a "1" or a "2" to indicate if this job should be charged to the [Charge Code](#) 1 or 2 entered above.
- G. **System Name**
 - Enter ONDEMAND for jobs that are not scheduled to be run automatically. Do not use ONDEMAND for scheduled jobs.
 - Enter the system name assigned to that job, even if you are requesting the job to be run on a date different from the normally scheduled date.
- H. **Schd ID** – Use for OPC scheduled jobs only.
 - Enter the SCHID number from the OPC Flowchart provided by ITD operations.
- I. **Add Schd** – Used to add a job to an existing schedule.
 - Type "Y" to add.
 - Leave blank if you are not adding this job to an existing schedule.
- J. **Del Schd** – Used to delete a job from an existing schedule.
 - Type "Y" to delete.
 - Leave blank if you do not want to delete the job from an existing schedule.

RR FIELDS (cont):

[Index:](#)

K. Trig Jobs – Used for scheduled jobs only.

- Enter “Y” if you want to trigger jobs normally triggered by this job.
- Enter “N” if you do not want to trigger jobs normally triggered by this job.
- When **deleting a scheduled job** –
 - a) Enter “Y” to also delete triggers.
 - b) Enter “N” if you do not want to delete triggers.

L. Skip Next Cycle – Used for scheduled jobs only.

- Enter “Y” if you want to skip the next normally scheduled run of this job.
- Enter “N” if you do not want to skip the next normally scheduled run of this job.

(Example: You are requesting a job to run at noon that is normally scheduled to run at 1700 or 5:00 PM)

M. Run Before

- The job name entered in the “Job Name” field must run before the job that is entered in this field.

14. Run After

- The job name entered in the “Job Name” field must be run after the job that is entered in this field.

15. D=DATA/A, F=FICHE, B=Both

- Enter “D” if you have documents to be keyed from ITD’s data entry. After the run request has been submitted, another screen will display for you to enter information.
- Enter “F” if you are creating a fiche tape. After the run request has been submitted, another screen will display for you to enter the information.
- Enter “B” if both data entry and fiche are needed. After the run request has been submitted, both the data entry screen and the fiche screen will display for you to enter information.

OVERRIDE SECTION:

[Index:](#)

Everything in this section is optional; request only when you need to override the normal job processes.

1. Job No.

- Enter the number from the above section [Job No](#) that is next to the job you want to override. This field is required when using the override option.

2. Step

- Enter the JCL Step Name of the item (input file, output file, setup proc member, or print forms) you want to override. This field is required when using the override option.

3. Input File – Use only when overriding the normal input file.

- Enter the input file name you want to override.

4. Serial – (for Input File).

- Enter the file generation number of the input file to be used. (Example: (0), (-1), etc.). Or enter the serial number or disk pack if the file is not catalogued. This field is required when an input file has been entered.

5. Output File – Use only when overriding the normal output file.

- Enter the output file name you want to override.

6. Serial – (for Output File).

- Enter the file generation number of the output file to be used. (Example: (+1), (+2), etc.). Or enter the serial number or disk pack if the file is not catalogued. This field is required when an output file has been entered.

7. Setup Proc Member – Use only when overriding the normal setup proc member.

- Enter the member name of the setup proc to be used.

8. Print Forms – Use only when overriding the normal print form.

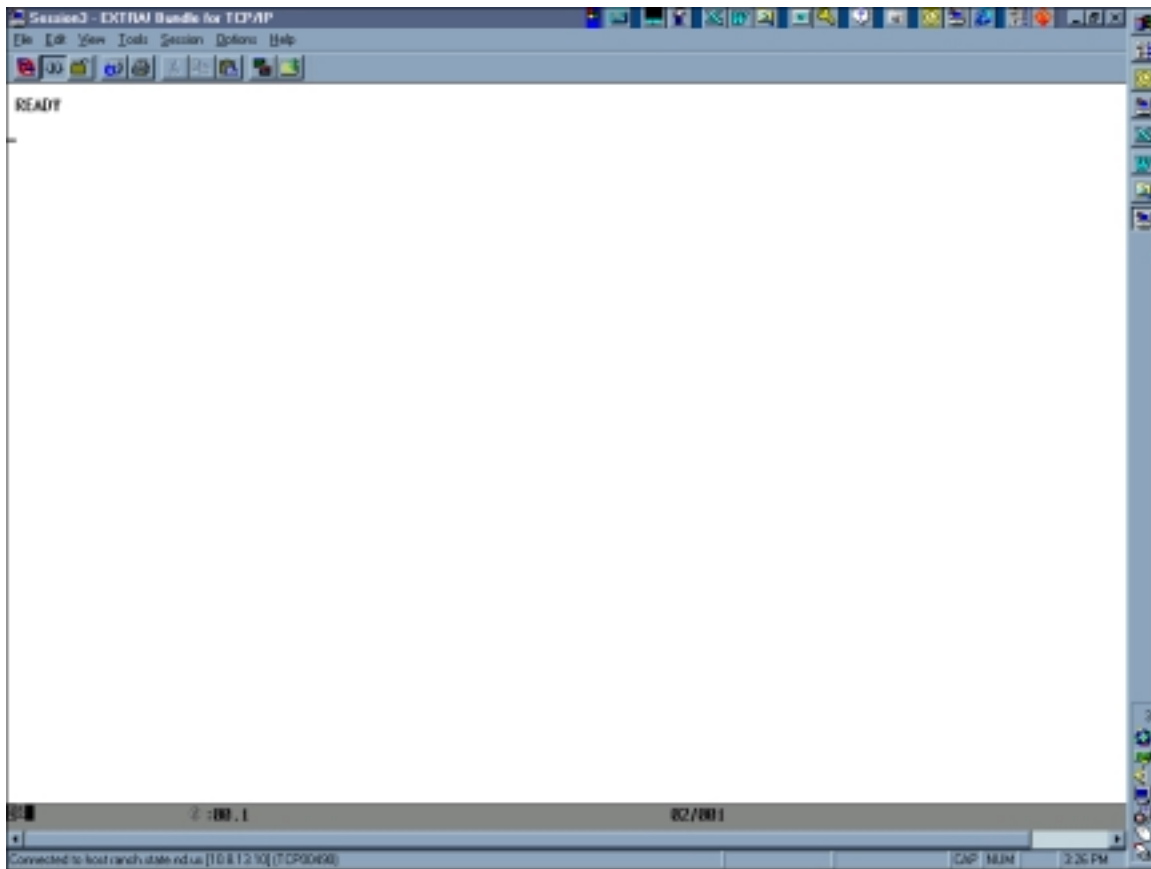
- **FROM:** Enter the normal print form information.
- **TO:** Enter the print form information to be used.

9. Enter Additional Comments.

- Enter the [Job No](#) of the job you want to comment on. This is required when using the additional comment section.
- Enter any information about the requested run ITD Operations should know that isn't covered in any of the previous sections.

TSO Ready Prompt:

[Index:](#)



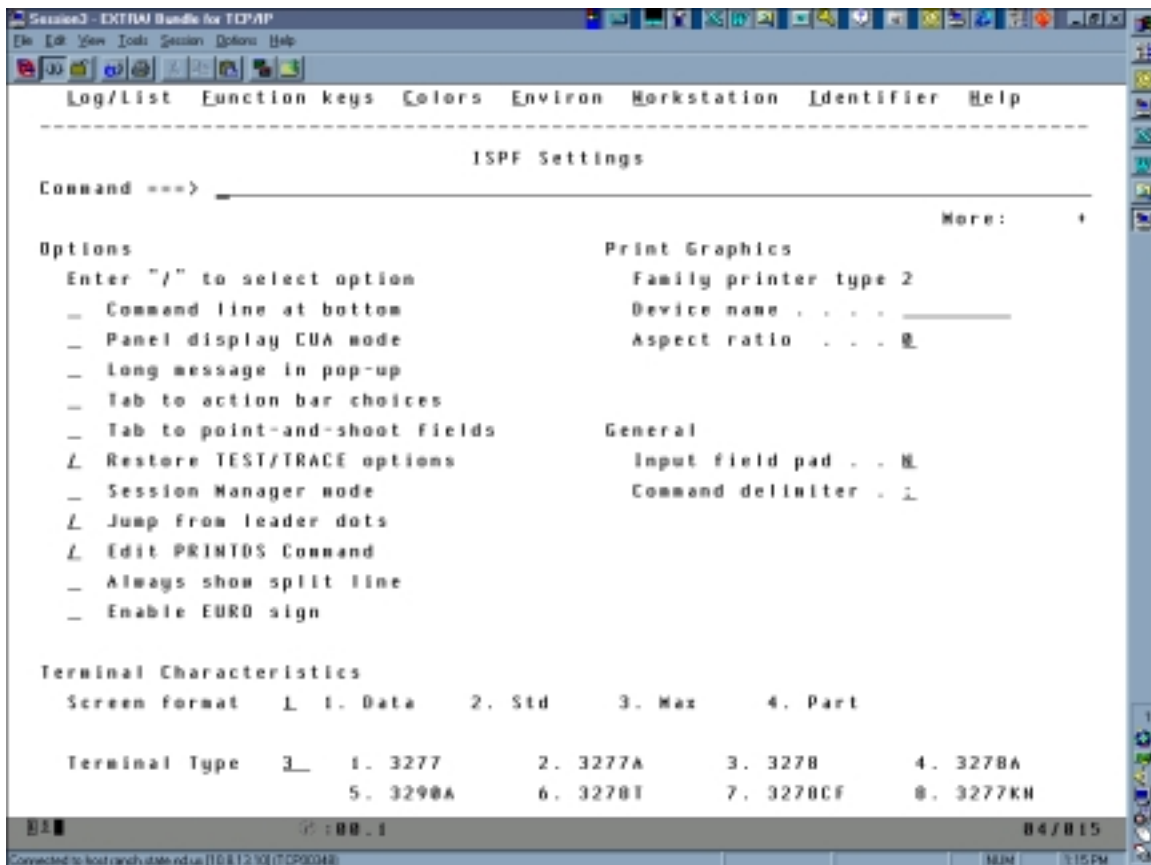
1. Type LOGOFF to exit TSO and return to the
2. Type ISPF to return to the

1. Recommended Settings:

[Index:](#)

ISPF SETTINGS:

1. From the main menu panel, Place the cursor on the word "MENU" at the very top of your screen and press enter.
2. Type 1 (Settings) and press enter.
3. The following options should have a blank or slash in front of them: (you can change them to your preferences if you want) The slash in front means you want that option in effect.
 - Command line at bottom
 - Panel display CUA mode
 - Long message in pop-up
 - Tab to action bar choices
 - Tab to point-and-shoot fields
 - / Restore TEST/TRACE options
 - Session Manager mode
 - / Jump from leader dots
 - / Edit PRINTDS Command
 - / Always show split line
 - Enable EURO sign
4. TERMINAL CHARACTERISTICS should be set to the following:
 - Terminal Characteristics
 - Screen format 1 Data (3 - MAX for larger screen display area)
 - Terminal Type 3 3278



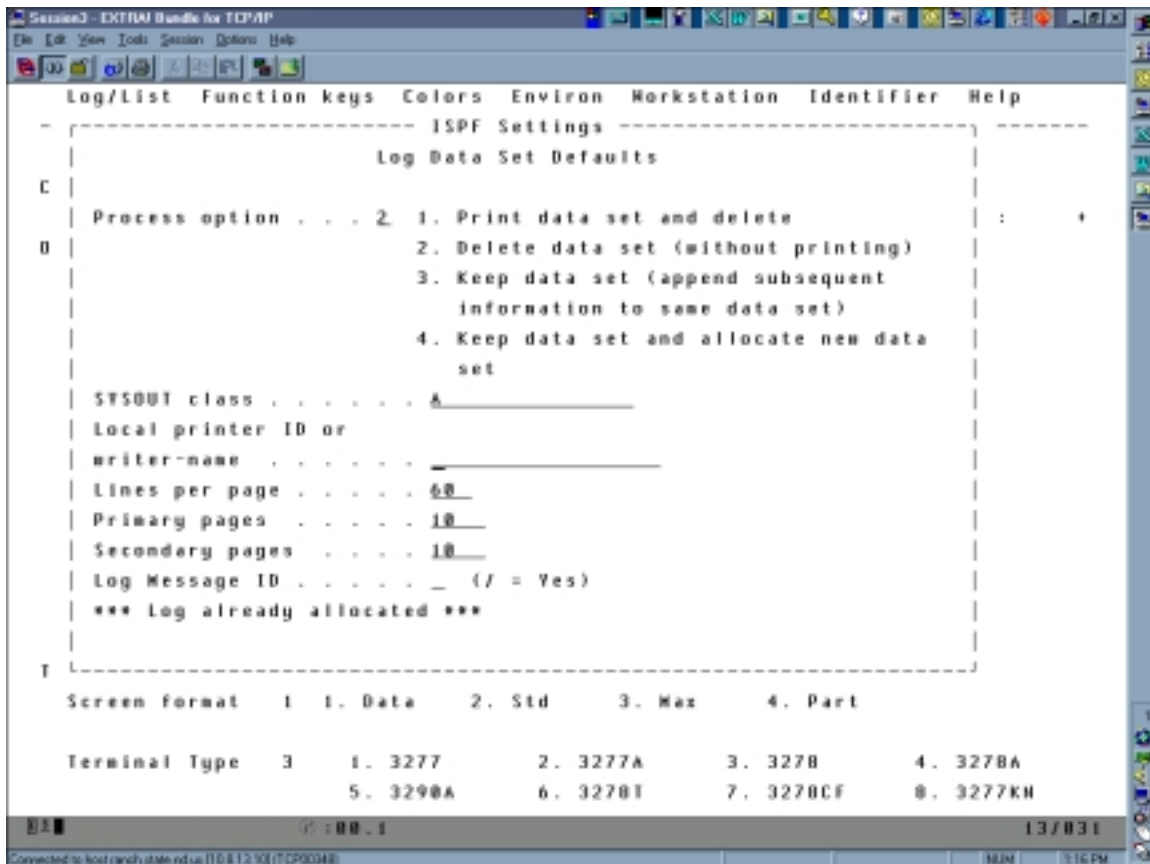
(NOTE: You might have to press F8 - page forward - to see all of the options.)

Recommended Settings:

[Index:](#)

ISPF SETTINGS - LOG DATA SET DEFAULTS:

1. Place the cursor on the LOG/LIST menu option at the top of the screen and press enter.
2. Type 1 (Log Data set defaults) and press enter .
3. Type 2 in Process option . . . 2
 1. Print data set and delete.
 2. Delete data set (without printing).
4. The rest of the screen can remain the same.



5. Press F3.

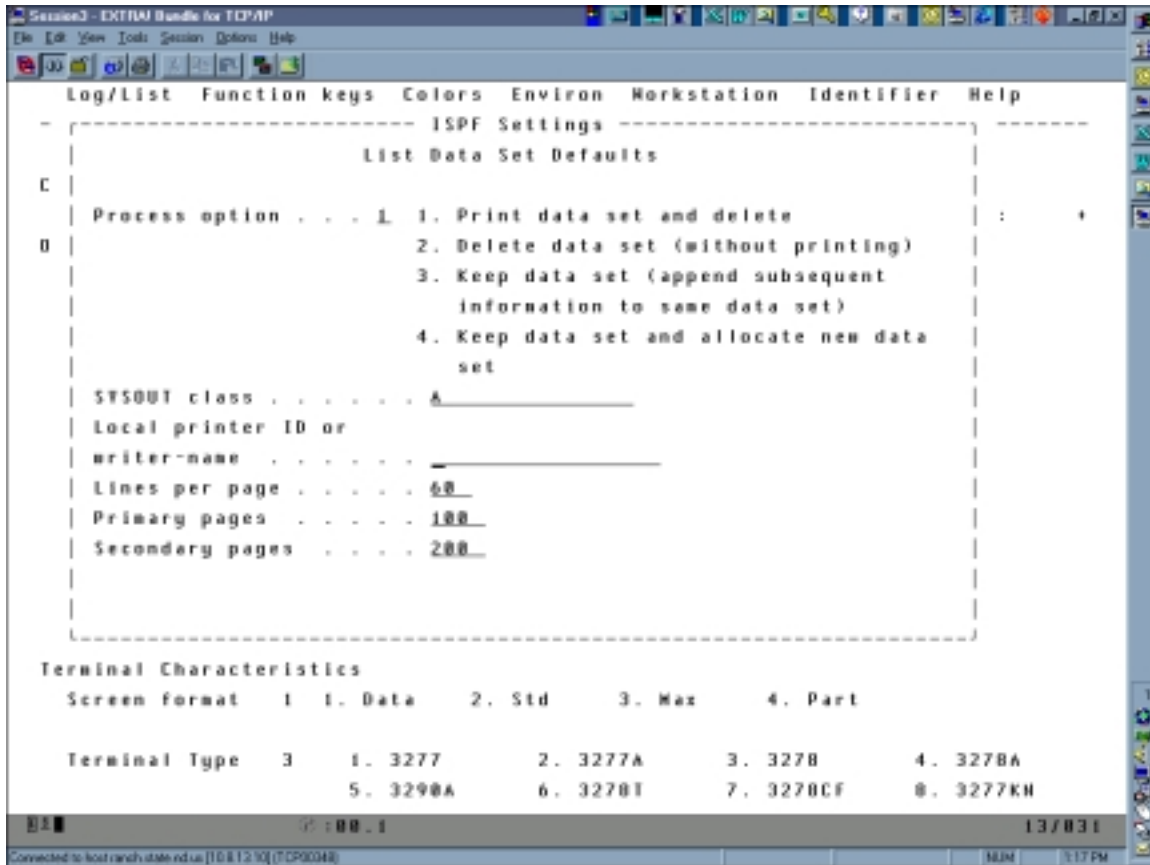
NOTE: You can have an entry in either SYSOUT class **or** Local Printer ID, but not both.

Recommended Settings:

[Index:](#)

ISPF SETTINGS - LIST DATA SET DEFAULTS:

1. Place the cursor on the LOG/LIST menu option at the top of the screen and press enter.
2. Type 2 (List Data set defaults) and press enter.
3. Type 1 in Process option . . . 1 1. Print data set and delete.
4. Type A in SYSOUT class.



5. Press F3 twice to return to the TSO Main Menu.

NOTE: You can have an entry in either SYSOUT class **or** Local Printer ID, but not both.

Recommended Settings:

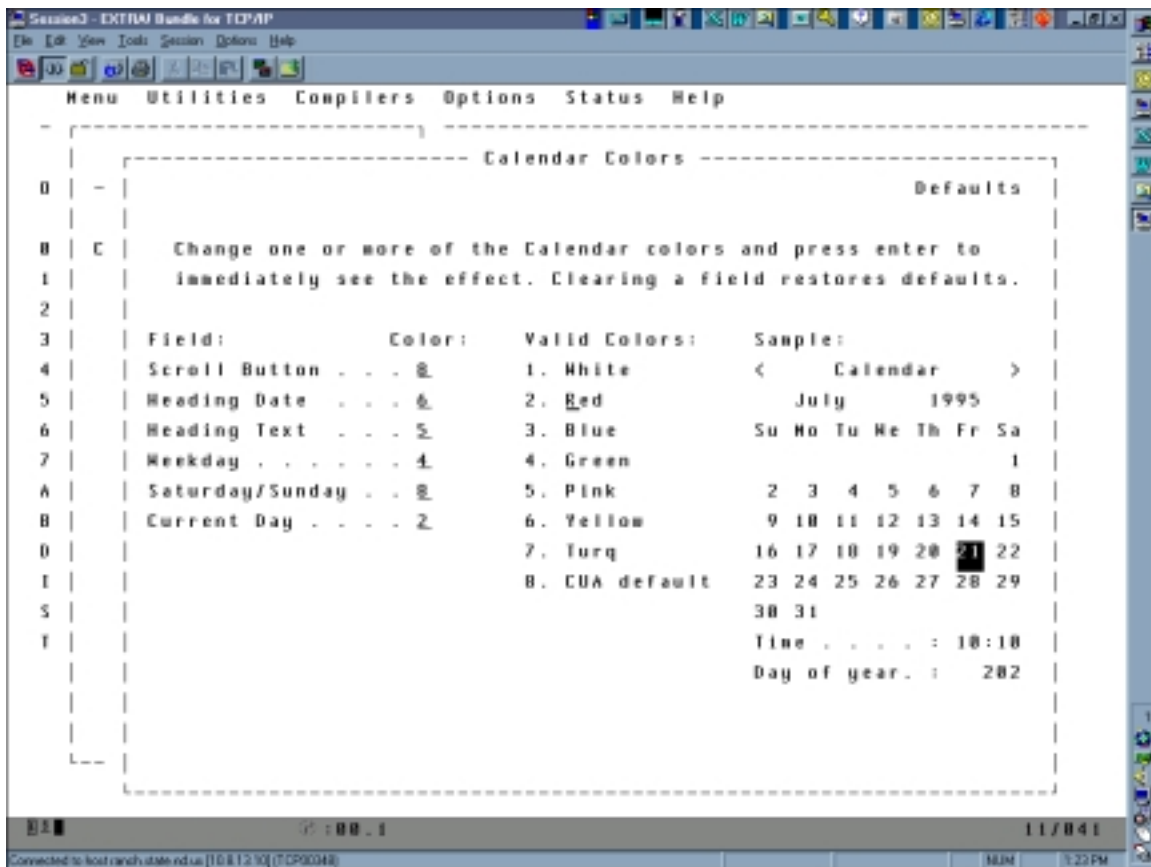
STATUS AREA:

[Index:](#)

1. Place the cursor on the STATUS menu option at the top of the screen and press enter.
2. Type 3 (calendar) and press enter.
3. From the main TSO menu screen, Place the cursor on the MENU option at the top of the screen and press enter.
4. Type 9 (Status area) and press enter.
5. Place the cursor on OPTIONS at the top of the menu area, and press enter.
6. Type 2 (Calendar Colors) and press enter.
7. From here you can set the colors of your calendar to however you want them.

EXAMPLE:

Scroll Button	8- default (lt blue)
Heading Date	6 - yellow
Heading Text	5 - pink
Weekday	4 - green
Saturday/Sunday ..	8 - default (lt blue)
Current Day	2 - red

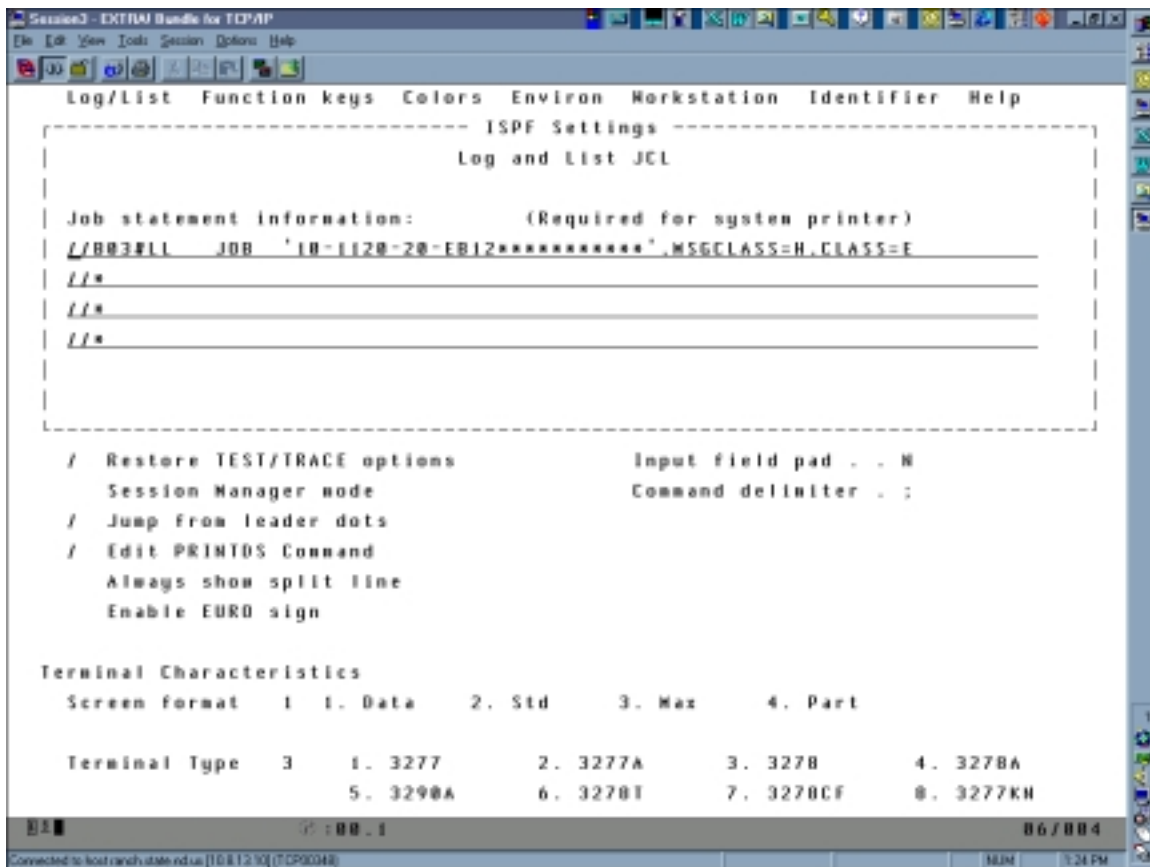


8. Press F3 twice to get back to the TSO Main Menu.

Recommended Settings: SYSTEM PRINTING JOB CARD:

[Index:](#)

1. Place the cursor on MENU at the top of your screen and press enter.
2. Type 1 (Settings) and press enter.
3. Place the cursor on LOG/LIST at the top of your screen and press enter.
4. Type 4 (JCL) and press enter.
5. Enter job card in the 1st line under Job statement information:
(example: //B03#LIST JOB '10-1120-20-EB12*****',MSGCLASS=H,CLASS=E)
* NOTE: you should enter the same information as the above example, changing the 'B03' to your cube number and 'EB12' to your TSO user-id.



6. Press F3 twice to return to the TSO main menu.

Recommended Settings:

[Index:](#)

UTILITY PRINTING JOB CARD:

1. Type 3 (UTILITIES) and press enter.
2. Type 6 (HARDCOPY) and press enter.
3. Enter job card in the 1st line under Job statement information:
(example: //B03#LIST JOB '10-1120-20-EB12*****',MSGCLASS=H,CLASS=E)
* NOTE: you should enter the same information as the above example, changing the 'B03' to your cube number and 'EB12' to your TSO user-id.

The screenshot shows a terminal window titled "Session3 - EXTEND bundle for TOPAP". The menu bar includes "Menu", "RefList", "Utilities", and "Help". The main title is "Hardcopy Utility". Below this, there is a "Command ==>" line. The "Process option" section lists two choices: "1. Print and keep data set or member" and "2. Print and delete sequential data sets". The "Data Set Name" field is followed by "Volume Serial" (with a note "(If not cataloged)") and "Data Set Password" (with a note "(If password protected data set)"). The "Print Mode" is set to "BATCH" (with a note "(BATCH or LOCAL)"). The "Sysout class" is set to "H" (with a note "(BATCH only)"). The "Local printer ID or writer-name" is set to "E" (with a note "(LOCAL only)"). The "Job statement information" section includes a warning: "(If not to local printer/external writer, verify before proceeding)". Below this, the job card is entered: "===> //B03#LIST JOB '10-1120-20-EB12*****',MSGCLASS=H,CLASS=E". The bottom status bar shows "Connected to host ranch.state.nd.us [10.1.1.10] (7CP90348)", "89/023", and "11:25 PM".

```
Session3 - EXTEND bundle for TOPAP
Menu RefList Utilities Help

-----
Hardcopy Utility

Command ==>

Process option  _  1. Print and keep data set or member
                  2. Print and delete sequential data sets

Data Set Name   . . .
Volume Serial   . . . . . (If not cataloged)
Data Set Password . . . . . (If password protected data set)

Print Mode . . . . . BATCH (BATCH or LOCAL)

Sysout class . . . . . H (BATCH only)
Local printer ID or
writer-name . . . . . E (LOCAL only)

Job statement information: (If not to local printer/external writer, verify
before proceeding)
===> //B03#LIST JOB '10-1120-20-EB12*****',MSGCLASS=H,CLASS=E
===>
===>
===>

89/023
Connected to host ranch.state.nd.us [10.1.1.10] (7CP90348) 11:25 PM
```

4. Press F3 twice to return to the TSO main menu.

CHANGING PASSWORDS:

[Index:](#)

The screenshot shows a terminal window titled "Session3 - EXTREM Bundle for TCP/IP". The main display area contains a red-bordered box with the following text:

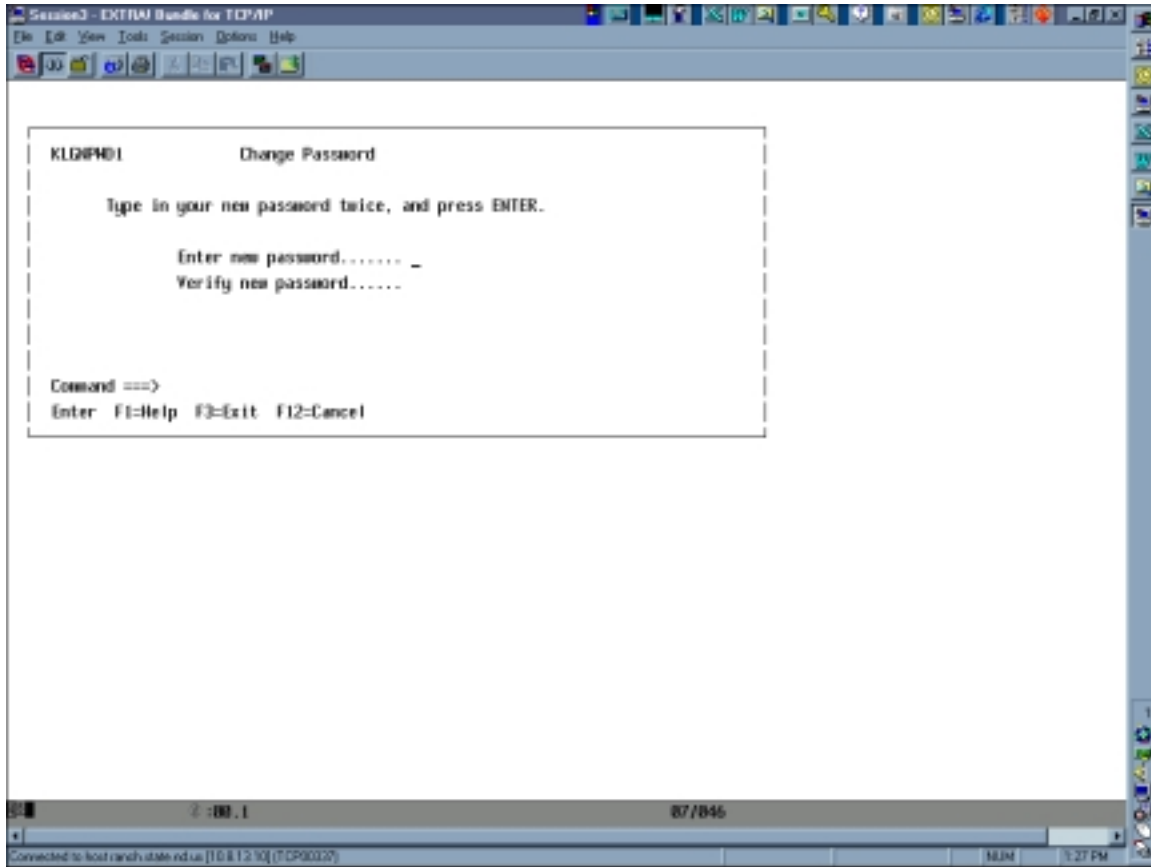
```
STATE OF NORTH DAKOTA
INFORMATION SERVICES DIVISION
Date: 05/12/00   Time: 13:25:35   Term-ID: TCP00337
USER-ID.....
Password.....   Change Password ?  Y (Y or N)
ENTER USERID
PF1: Help  PF3: Exit
```

Below the red box, the text "Bulletins: +----- SUPERSESSION NEWS -----+" is displayed, followed by a large empty rectangular area defined by dashed lines. At the bottom of the terminal window, a status bar shows "04.2" and "13/054". The bottom-most status bar indicates "Connected to host ranch.state.nd.us [10.8.12.10] (TCP00337)" and "1:26 PM".

1. Enter your USER-ID and password.
2. Enter a 'Y' beside 'Change Password ?' and press enter.

CHANGING PASSWORDS (cont):

[Index:](#)



1. Enter a new password and verify the new password, and press enter.
2. Password must be at least 6 characters. It is recommended that one of the characters should be a number.